



March 3, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in black ink that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

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MAR 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 3-24-9-16

9. API Well No.

43-013-33084

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NE/NW Sec. 24, T9S R16E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface NE/NW 722' FNL 2063' FWL 579437X 40.021698
At proposed prod. zone 4430370Y -110.069124

14. Distance in miles and direction from nearest town or post office*

Approximatley 17.1 miles south of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

Approx. 722' f/line, NA' f/unit

16. No. of Acres in lease

1200.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1334'

19. Proposed Depth

5848'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5605' GL

22. Approximate date work will start*

2nd Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

3/3/06

Title

Regulatory Specialist

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date

03-09-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

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MAR 06 2006

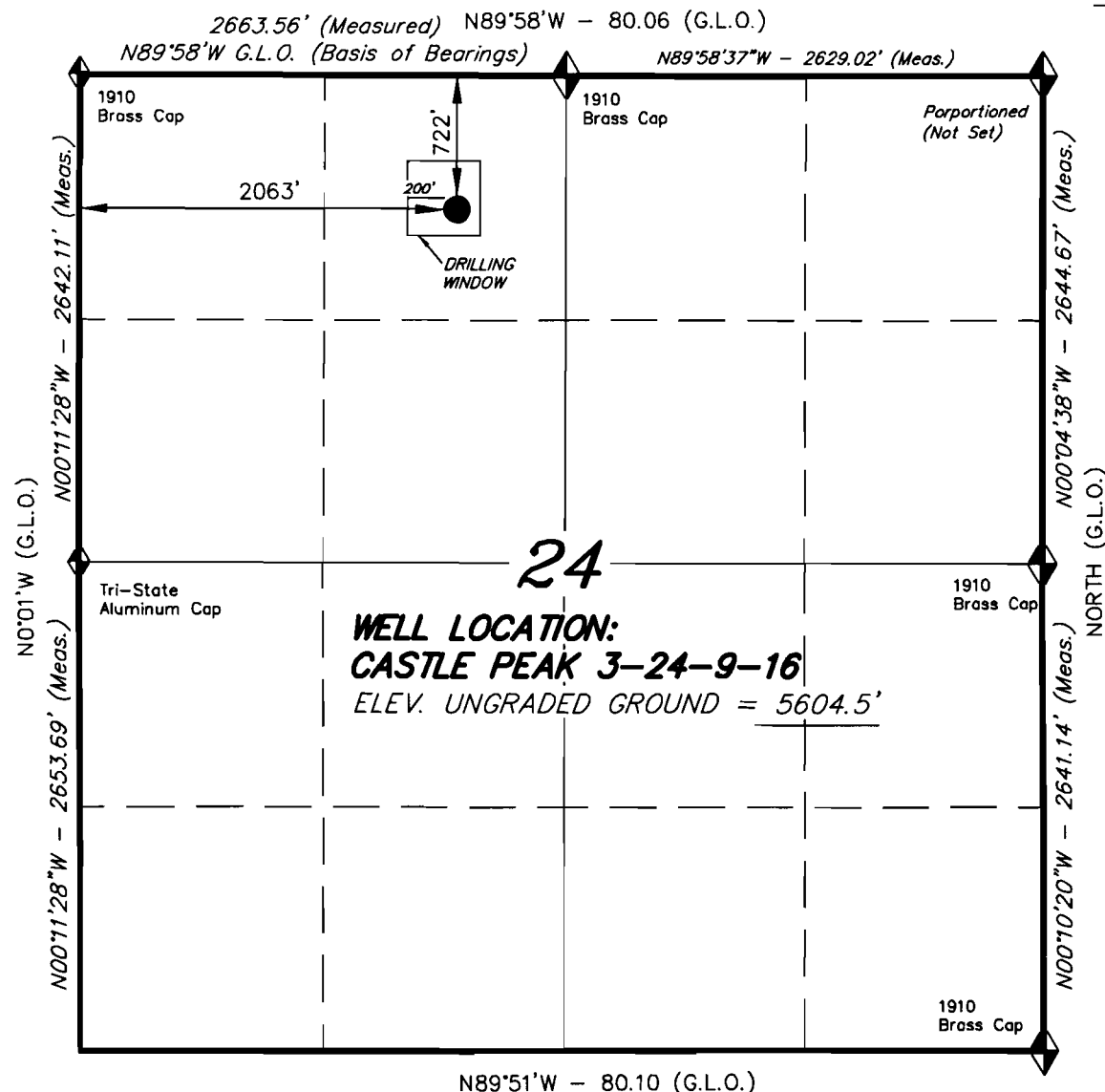
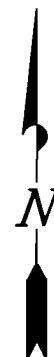
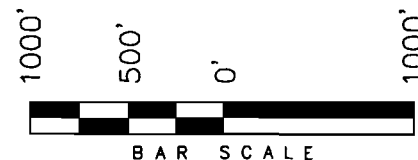
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK
3-24-9-16, LOCATED AS SHOWN IN
THE NE 1/4 NW 1/4 OF SECTION 24,
T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

CASTLE PEAK 3-24-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 17.94"
LONGITUDE = 110° 04' 11.49"

NEWFIELD-PRODUCTION COMPANY
FEDERAL #3-24-9-16
NE/NW SECTION 24, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2209'
Green River	2209'
Wasatch	5848'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2209' – 5848' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #3-24-9-16
NE/NW SECTION 24, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-24-9-16 located in the NE 1/4 NW 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.8 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 980' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #3-24-9-16 Newfield Production Company requests 980' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 980' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1,100' ROW in Lease UTU-64805 and 2,470' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Amy Torres to advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #3-24-9-16 was on-sited on 11/30/05. The following were present: Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

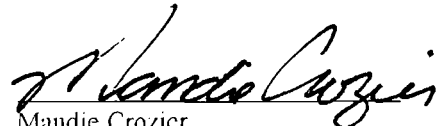
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-24-9-16 NE/NW Section 24, Township 9S, Range 16E, Lease UTU-15855 Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/3/06

Date

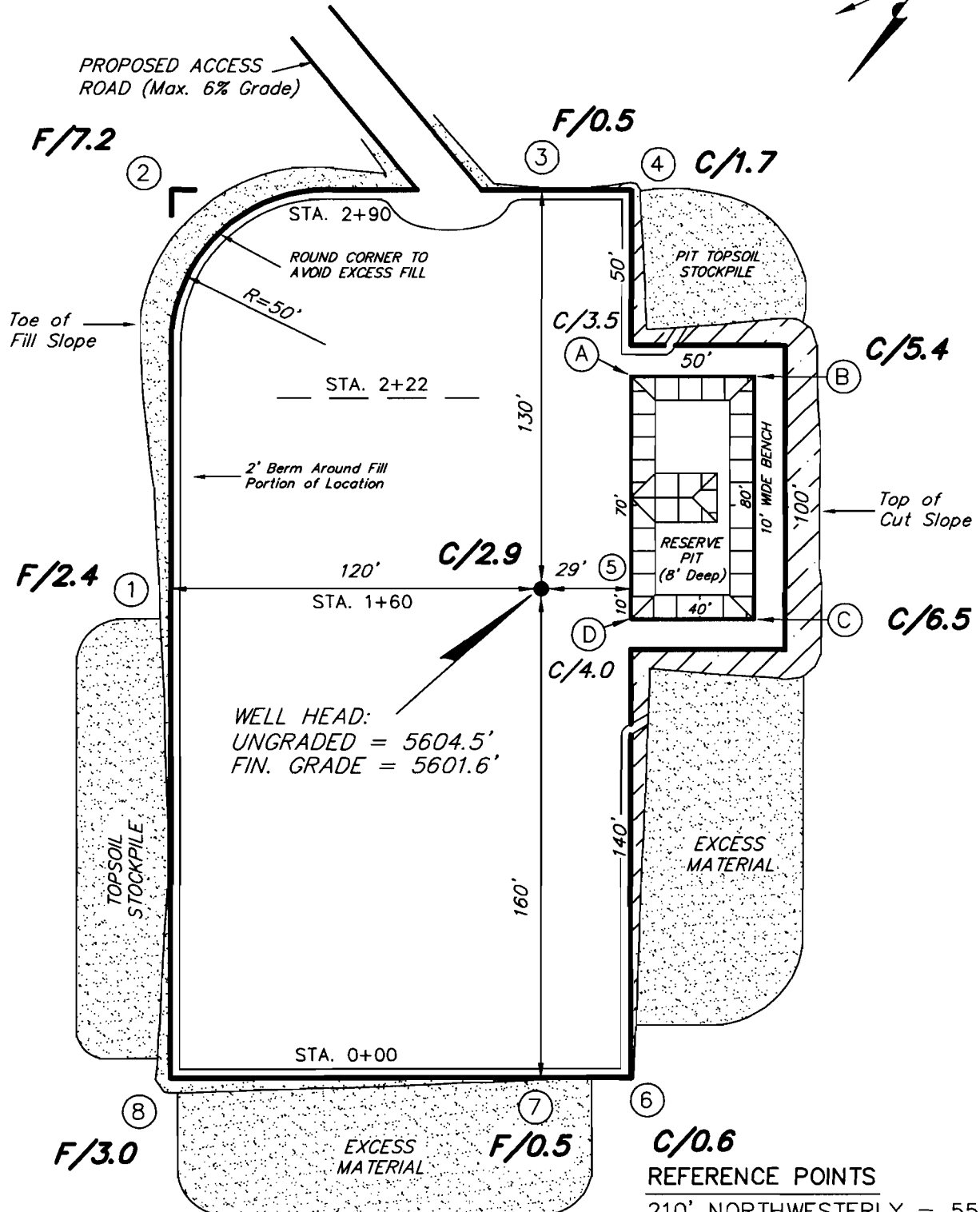
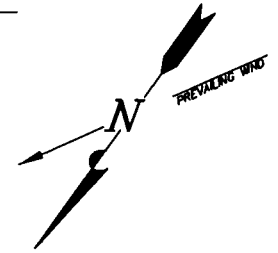


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 3-24-9-16

Section 24, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' NORTHWESTERLY = 5599.6'
 260' NORTHWESTERLY = 5597.6'
 170' NORTHEASTERLY = 5598.8'
 220' NORTHEASTERLY = 5597.9'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-15-06

Tri State
 Land Surveying, Inc.

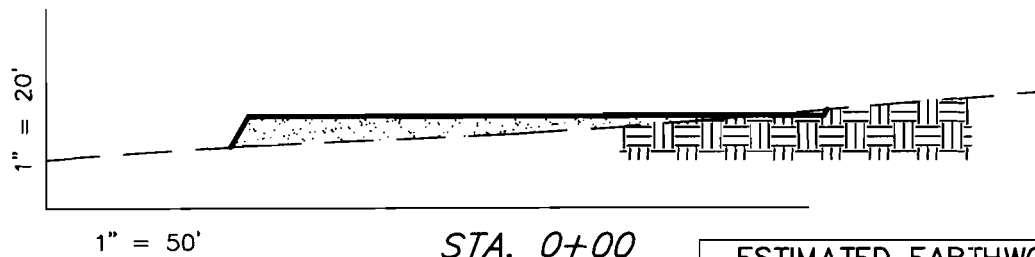
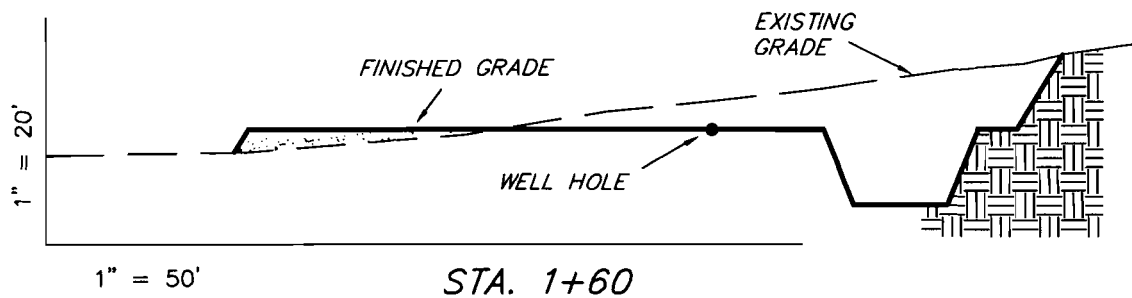
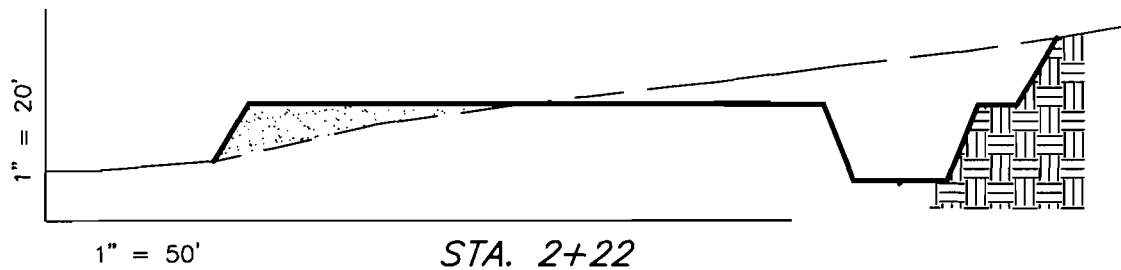
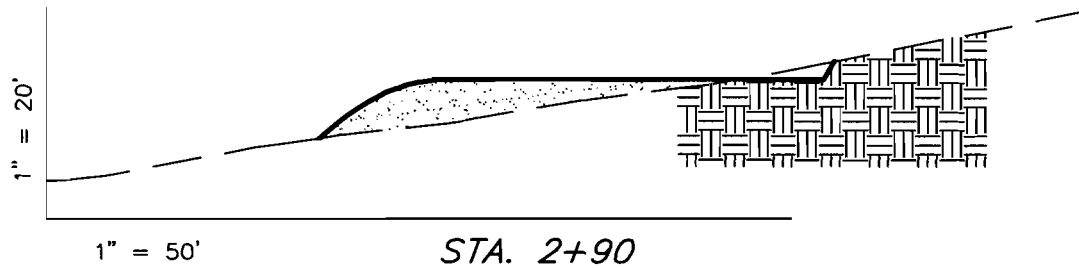
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 3-24-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,980	1,960	Topsoil is not included in Pad Cut	20
PIT	640	0		640
TOTALS	2,620	1,960	980	660

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

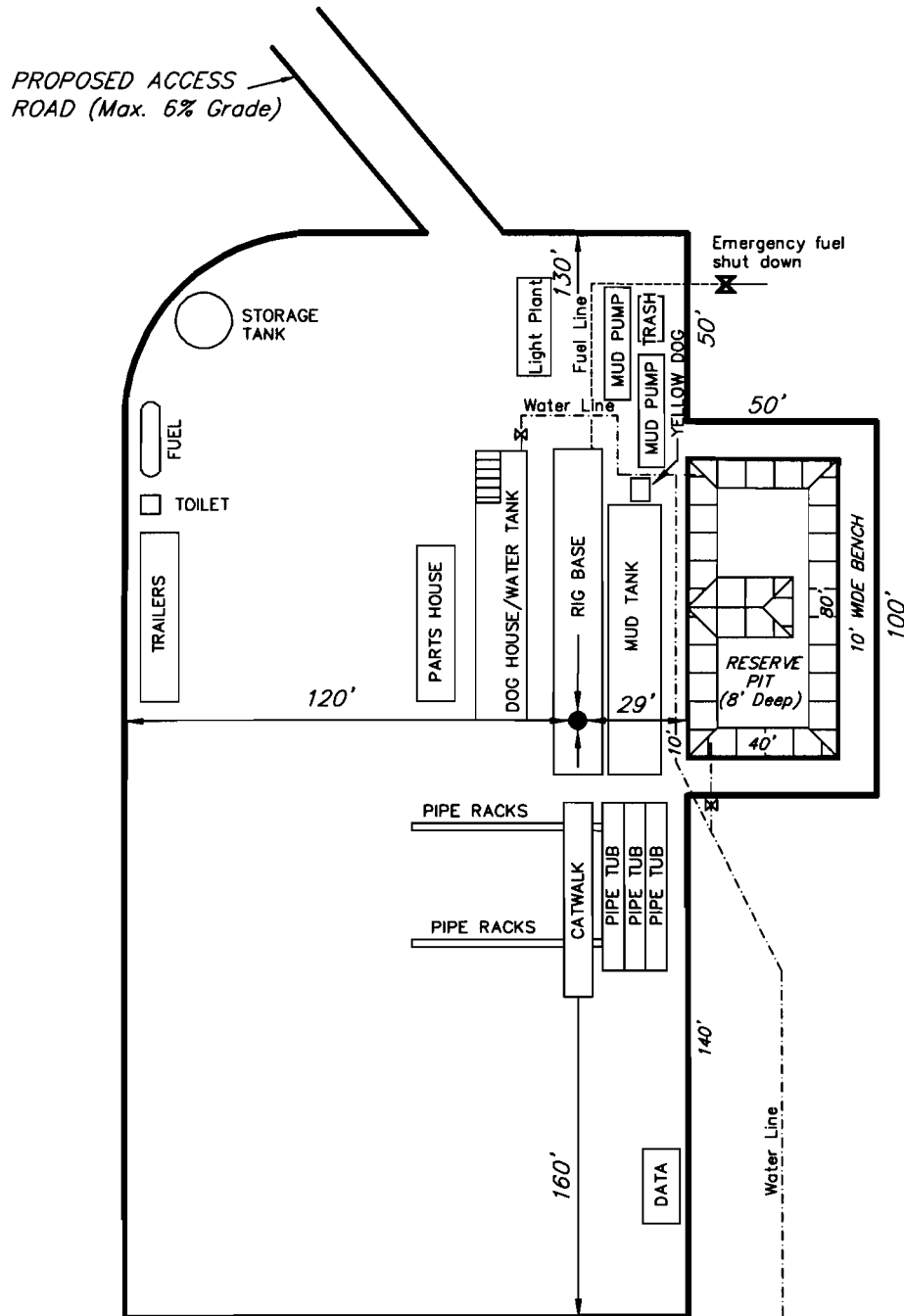
DATE: 2-15-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CASTLE PEAK 3-24-9-16



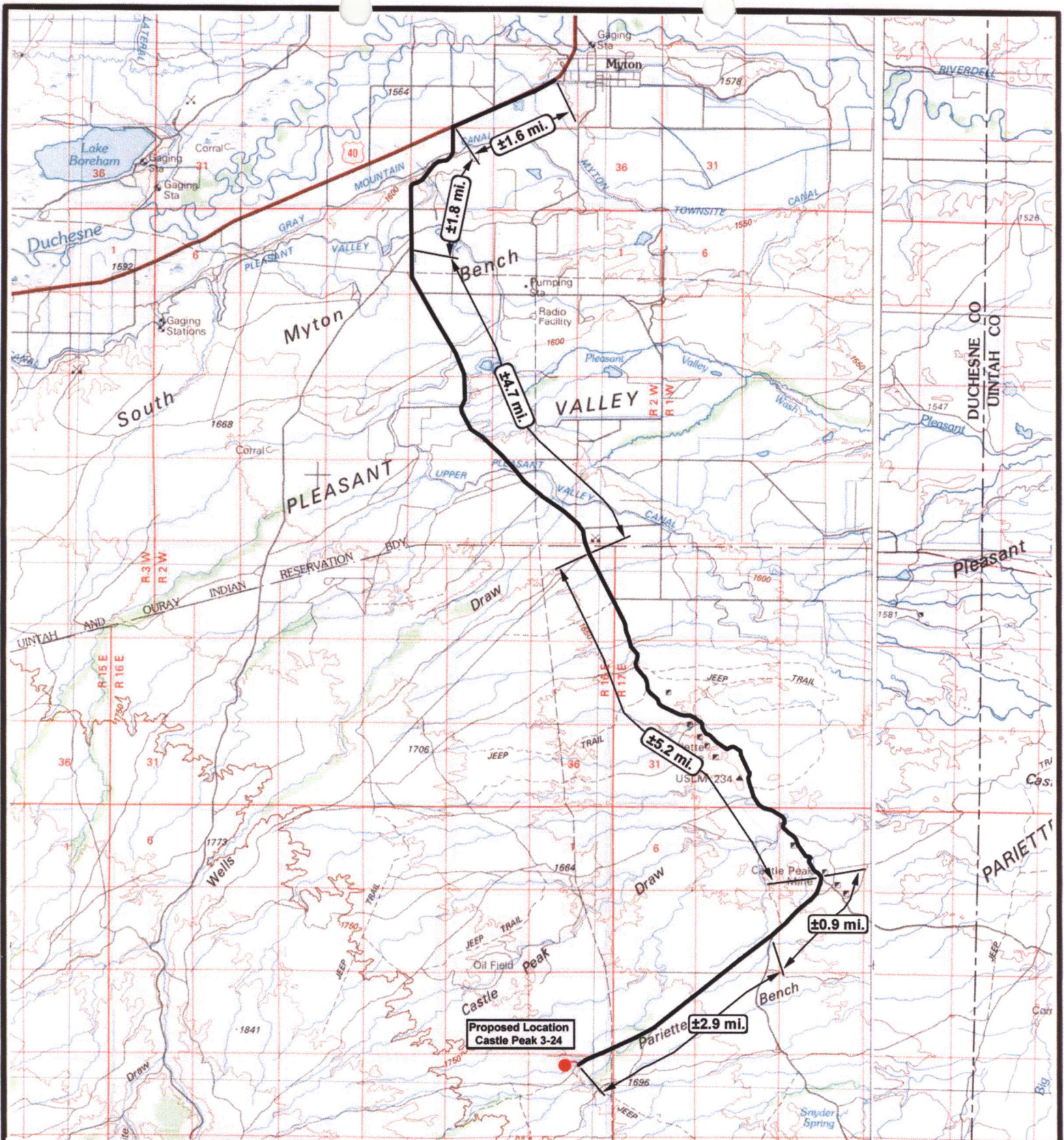
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-15-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501




NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.




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Land Surveying Inc.
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180 North Vernal Ave. Vernal, Utah 84078

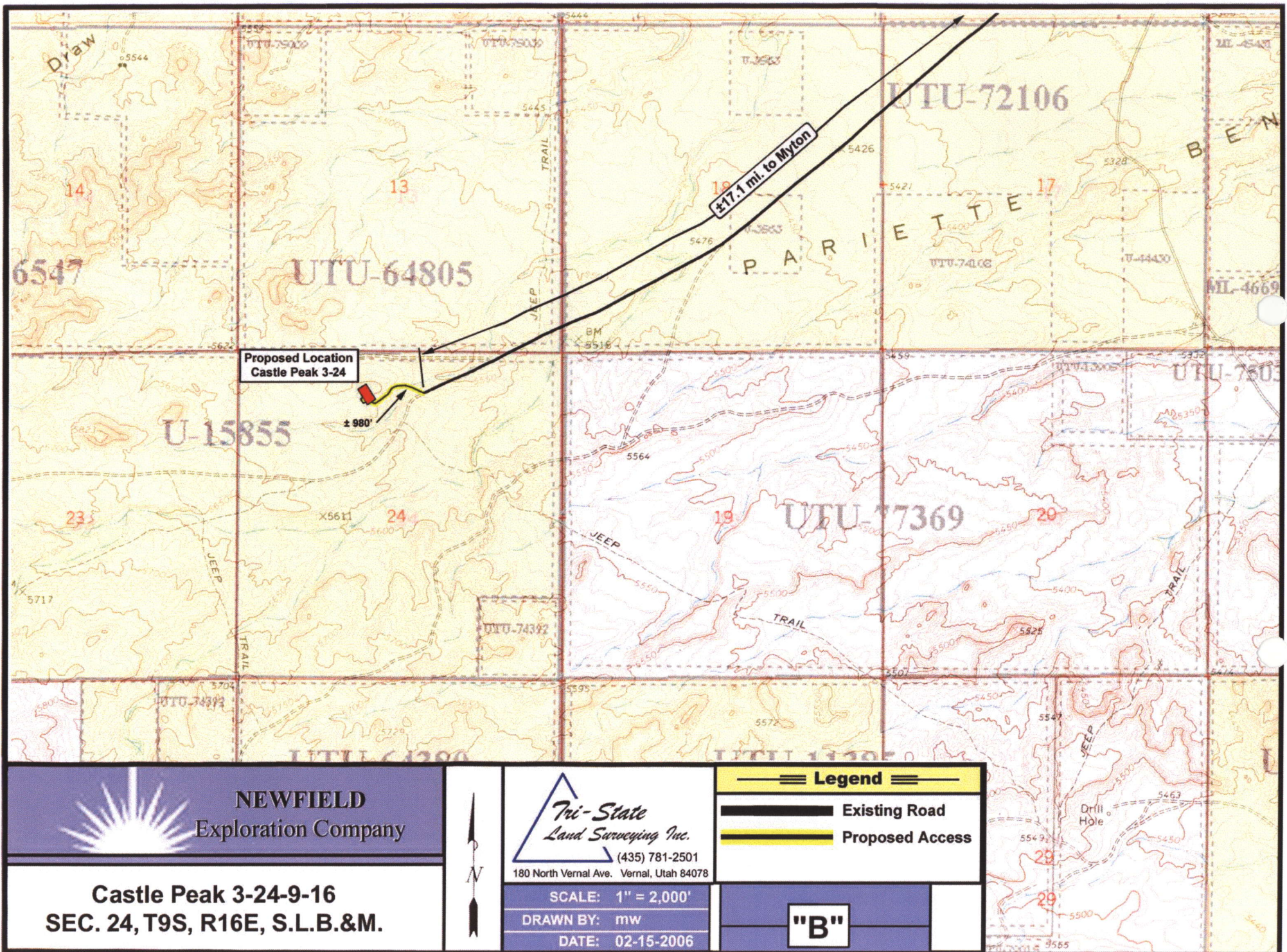
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 02-15-2006

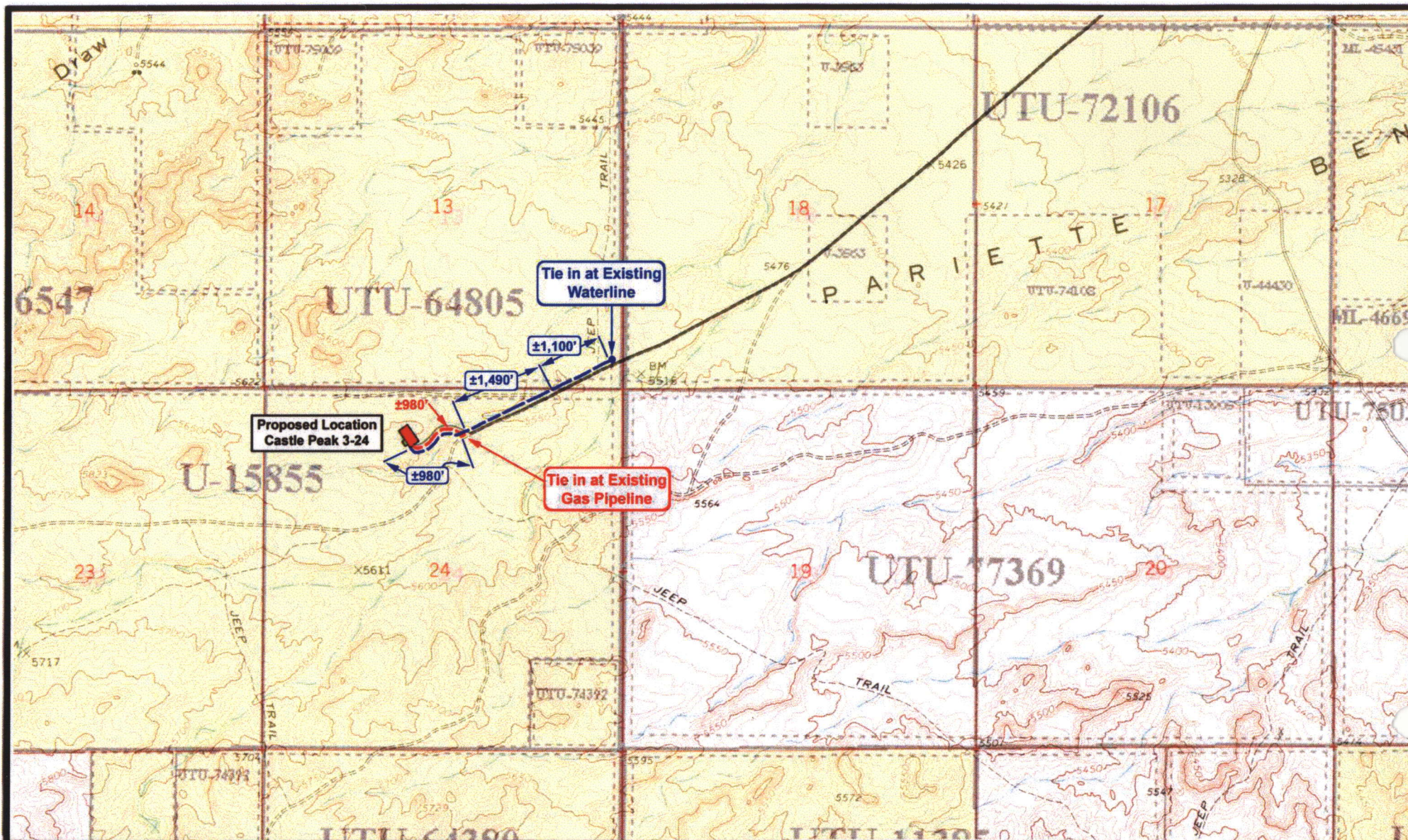
Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

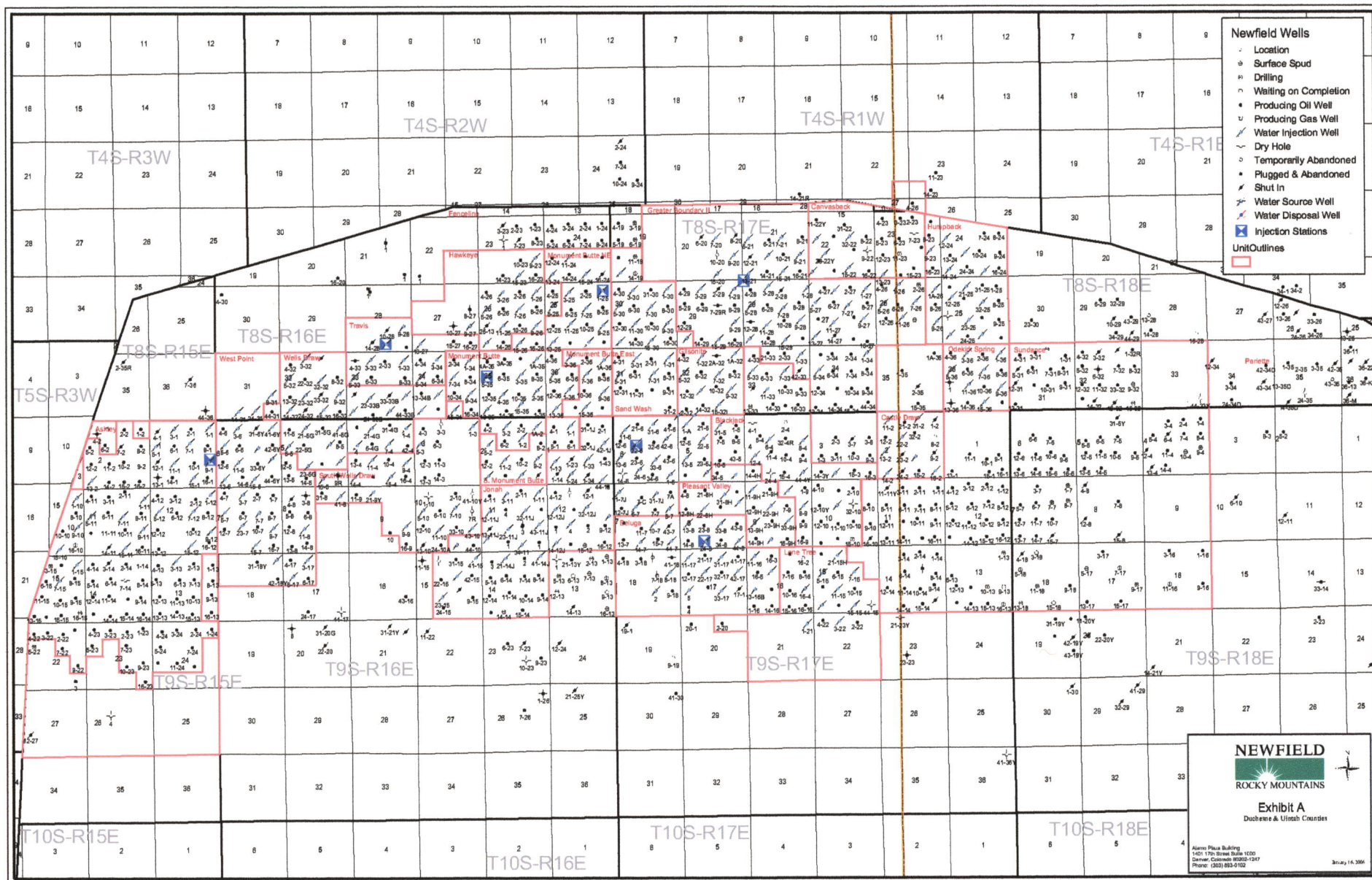
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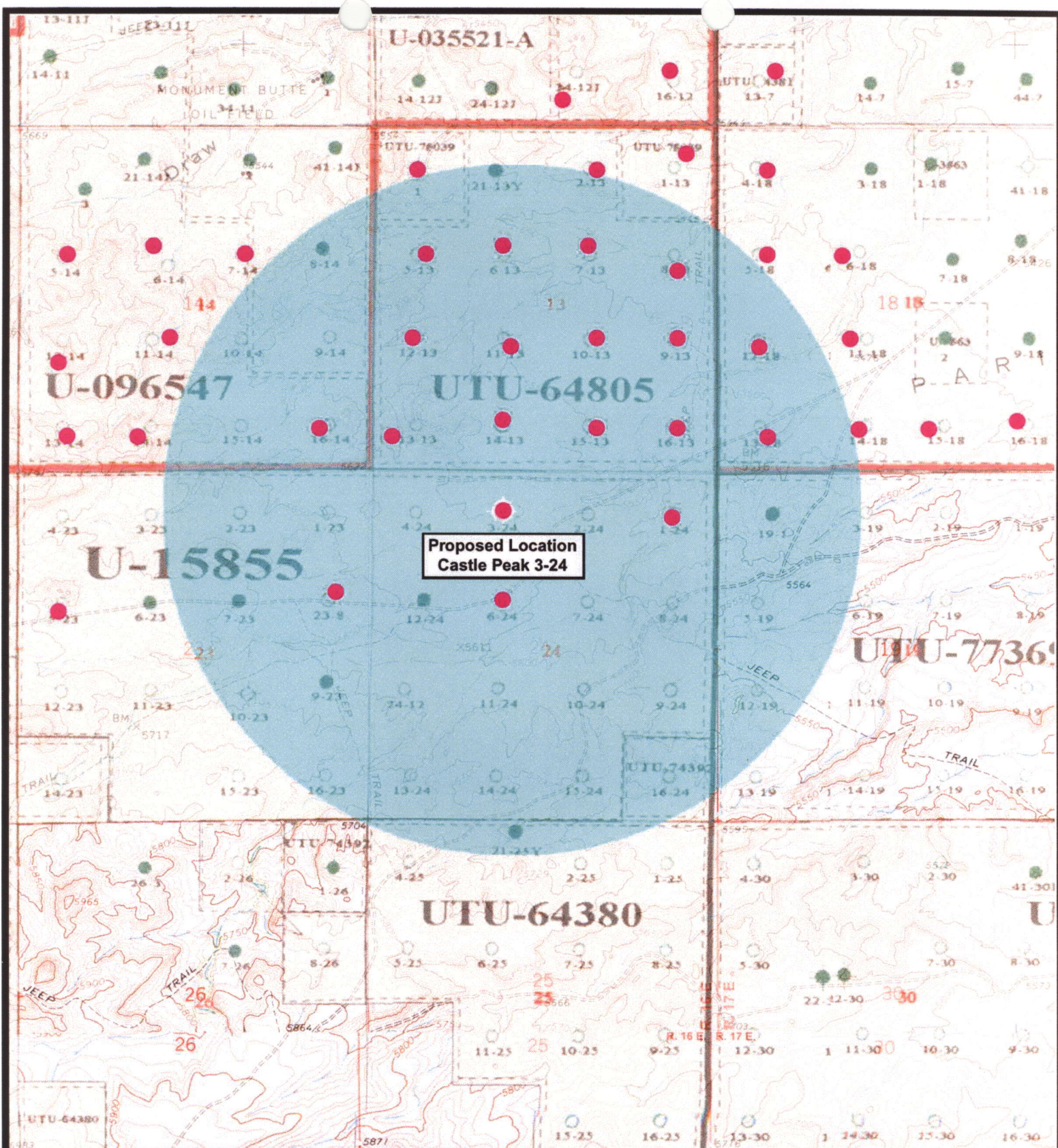
DATE: 02-15-2006


Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

"C"







NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-15-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

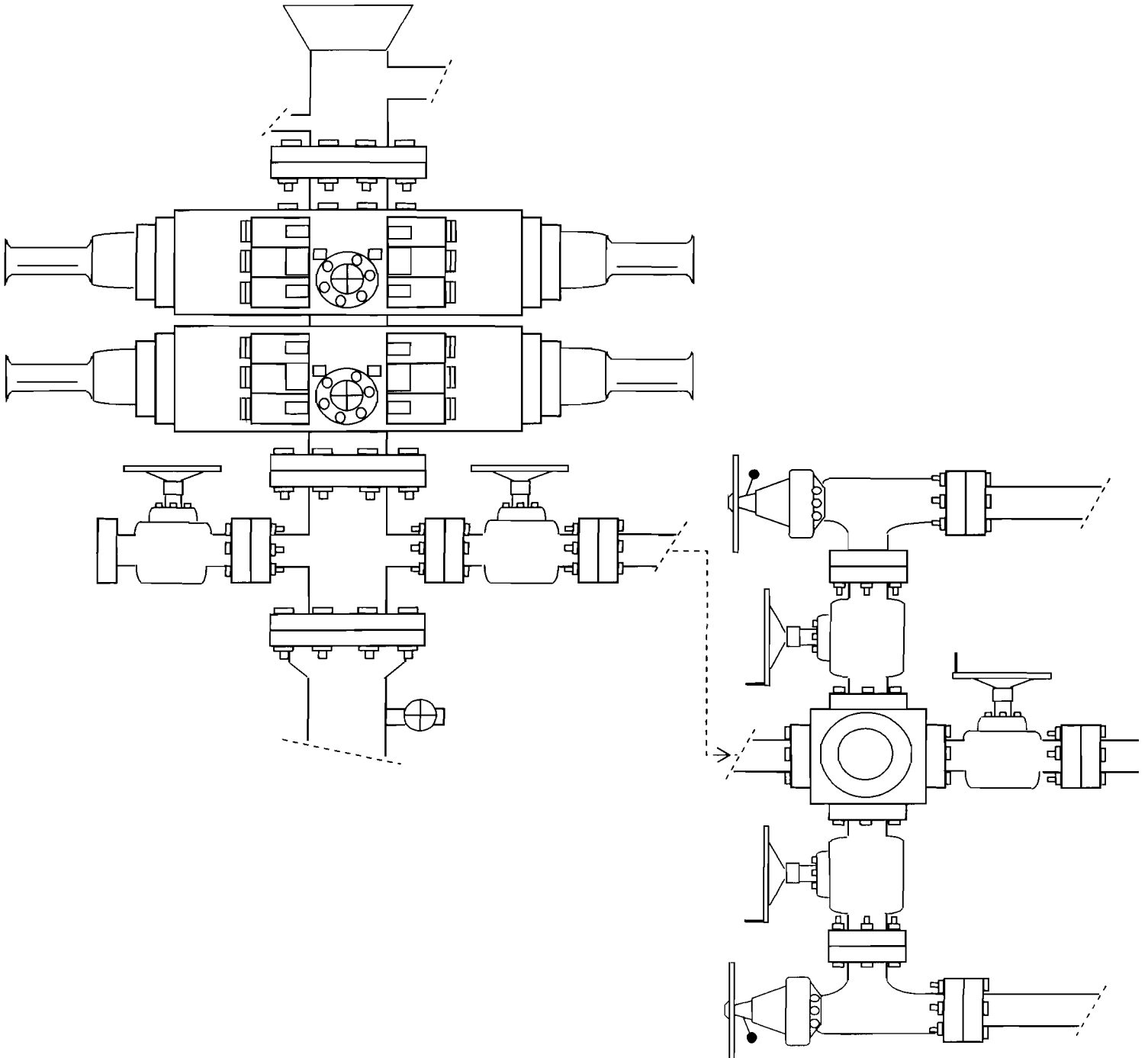


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,
DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen
and
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0831b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

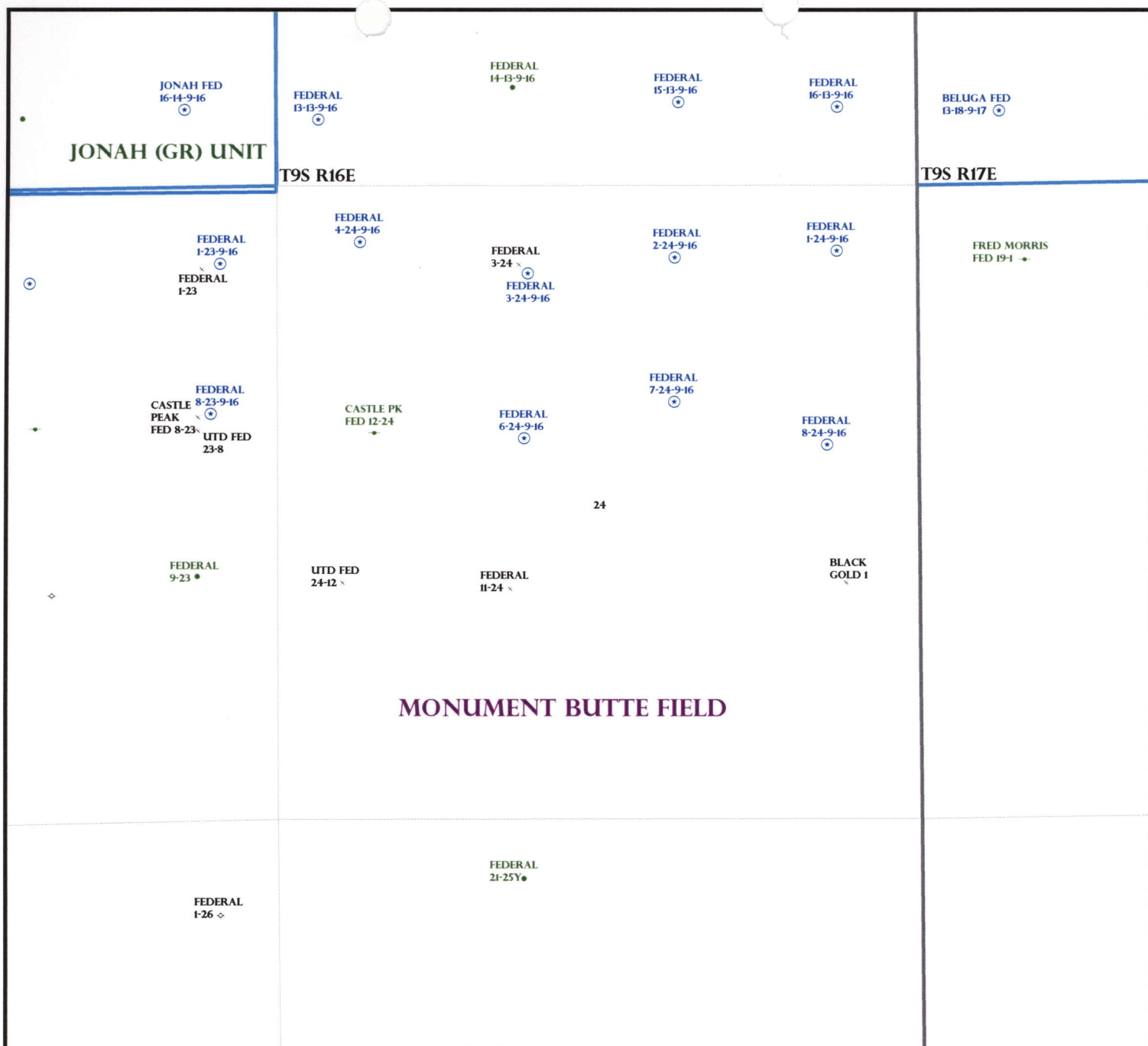
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

- 1- Lettering Approach
- 2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

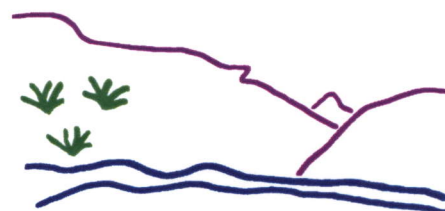
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 09-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 9, 2006

Newfield Production Company
Route #3, Box 3630
Myton, UT 84052

Re: Federal 3-24-9-16 Well, 722' FNL, 2063' FWL, NE NW, Sec. 24, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33084.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 3-24-9-16
API Number: 43-013-33084
Lease: UTU-15855

Location: NE NW **Sec.** 24 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 06 2006

CLARK COUNTY, UTAH

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

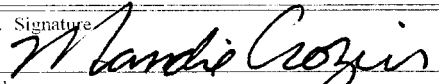
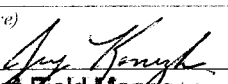
5. Lease Serial No. UTU-15855
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 3-24-9-16
9. API Well No. 43013-33084
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NE/NW Sec. 24, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 722' FNL 2063' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 17.1 miles south of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 722' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1334'	19. Proposed Depth 5848'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5605' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from start to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) JERRY KENCZKA	Date 3-8-2006
Title Assistant Field Manager Lands & Mineral Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

SEP 15 2006

DIV. OF OIL, GAS & MINING
NOTICE OF APPROVAL

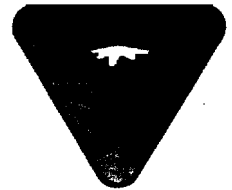
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No NOS



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 3-24-9-16
API No: 43-013-33084

Location: NENW, Sec 24, T9S, R16E
Lease No: UTU-15855
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Charles Sharp	Office: 435-781-4486	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Chris Carusona) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. The proposed action is in Ferruginous hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through July 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from March 1st through July 15th a new survey for Ferruginous hawk is needed with the exception request.
5. The proposed action is in Cooper's hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1st through August 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Cooper's hawk is needed with the exception request.
6. Submit a ROW for road and pipelines.
7. According to the lease, No vehicle travel, construction or new surface disturbing activities shall be performed during periods only when the soil is dry, snow covered, or frozen from November 1st through April 30th. If a request for an exception to this limitation is desired, the request must be

made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities.

8. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
9. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
10. The reserve pit will be lined with a 16 ml or greater liner.
11. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
12. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
13. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
14. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
15. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

16. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
17. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
18. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
19. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

20. Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
21. Interim Reclamation (see below):
- a. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
 - b. Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesil</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre
 - c. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - d. There shall be no primary or secondary noxious weeds in the seed mixture.
 - e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
 - f. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
 - g. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than

Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 3-24-9-16

9. API Well No.

43-013-33084

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.**SUBMIT IN TRIPLICATE**

1. Type of Well

☒Oil
Well☐Gas
Well☐

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

722 FNL 2063 FWL NE/NW Section 24, T9S R16E12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Permit Extension☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/9/06 (expiration 3/9/07).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-06-07By: [Signature]3-7-07
RM

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33084
Well Name: Federal 3-24-9-16
Location: NE/NW Section 24,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/9/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *NA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

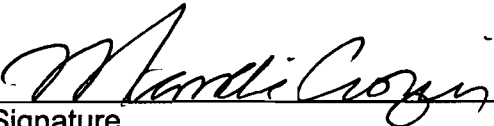
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/5/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
MAR 06 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
VERNAL FIELD OFFICE
2007 SEP 11 PM 1:24
BUREAU OF LAND MGMT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

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UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
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FEDERAL 3-24-9-16

9. API Well No.
43-013-33084

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
722 FNL 2063 FWL NE/NW Section 24, T9S R16E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/8/06 (expiration 9/8/07).

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 9/7/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State use)

Approved by Matt Baker Title Petroleum Engineer Date SEP 12 2007

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious

statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 3-24-9-16
Location: NENW Sec24-T9S-R16E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 09/08/08
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 3-24-9-16

Api No: 43-013-33084 Lease Type: FEDERAL

Section 24 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/13/07

Time 8:30 AM

How DRY

Drilling will Commence: _____

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 10/17/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 2 BOX 3636
MYTON, UT 84052

OPERATOR ACCT. NO. N2896

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12418 ✓	4301332997	WEST POINT FED 6-18-9-16	SENW	18	9S	16E	DUCHESNE	10/12/2007	10/17/07

WELL 1 COMMENTS:

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16413	4301333083	FEDERAL 2-24-9-16	NWNE	24	9S	16E	DUCHESNE	10/11/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16414	4301333084	FEDERAL 3-24-9-16	NENW	24	9S	16E	DUCHESNE	10/13/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12417 ✓	4301333282	LONE TREE FED 16-21-9-17	SESE	21	9S	17E	DUCHESNE	10/16/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16241 ✓	4301332998	FEDERAL 12-18-9-16	NWSW	18	9S	16E	DUCHESNE	10/11/2007	10/17/07

WELL 5 COMMENTS: The Beluga Federal 12-18-9-17 was spudded on June 08, but this well was sent in by mistake, an entity number had been assigned before we caught my mistake

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

RECEIVED

OCT 17 2007

DIV. OF OIL, GAS & MINING

[Signature]
Jenri Park
Production Clerk
10/17/07
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.

USA UTU-15855

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

Federal 3-24-9-16

9. API Well No.

4301333084

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENW Section 24 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/26/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 28 2007

DIV. OF OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ 2. NAME OF OPERATOR Newfield Exploration Company 3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 722' FNL & 2063' FWL (NE/nW) Sec. 24, T9S, R16E At top prod. Interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. UTU-15855 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA 7. UNIT AGREEMENT NAME Ashley 8. FARM OR LEASE NAME, WELL NO. Federal 3-24-9-16 9. WELL NO. 43-013-33084 10. FIELD AND POOL OR WILDCAT Monument Butte 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T9S, R16E 12. COUNTY OR PARISH Duchesne 13. STATE UT	
14. API NO. 43-013-33084 DATE ISSUED 3/9/07		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5605'GL 5617'KB 19. ELEV. CASINGHEAD 5617'KB	
15. DATE SPUDDED 10/13/07 20. TOTAL DEPTH, MD & TVD 5775'	16. DATE T.D. REACHED 10/25/07 21. PLUG BACK T.D., MD & TVD 5620'	17. DATE COMPL. (Ready to prod.) 11/21/07 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ----->	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 3995'-5035'		25. WAS DIRECTIONAL SURVEY MADE No 27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log			

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	320'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5754.72	7-7/8"	300 sx Premilite II and 400 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5115'	TA @ 5016'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5027'-5035'	.49"	4/32	5027'-5035'	Frac w/ 15380# 20/40 sand in 274 bbls fluid
(A1) 4920'-4938'	.49"	4/72	4920'-4938'	Frac w/ 90,793# 20/40 sand in 690 bbls fluid
(C sds) 4634'-4646'	.49"	4/48	4634'-4646'	Frac w/ 49,940# 20/40 sand in 449 bbls fluid
(D2) 4544'-4551'	.49"	4/28	4544'-4551'	Frac w/ 14,1381# 20/40 sand in 261 bbls fluid
(GB6) 3995'-4006'	.49"	4/44	3995'-4006'	Frac w/ 38,509 # 20/40 sand in 377 bbls fluid

33.* PRODUCTION							
DATE FIRST PRODUCTION 11/21/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 42	GAS--MCF. 24	WATER--BBL. 44	GAS-OIL RATIO 571
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel	TEST WITNESSED BY
---	--------------------------

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Tammi Lee TITLE: Regulatory Specialist DATE: 12/14/2007

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 3-24-9-16	Garden Gulch Mkr	3458'	
				Garden Gulch 1	3666'	
				Garden Gulch 2	3781'	
				Point 3 Mkr	4020'	
				X Mkr	4293'	
				Y-Mkr	4328'	
				Douglas Creek Mkr	4448'	
				BiCarbonate Mkr	4682'	
				B Limestone Mkr	4791'	
				Castle Peak	5288'	
				Basal Carbonate	5730'	
				Total Depth (LOGGERS)	5761'	

NEWFIELD



Well Name: Federal 3-24-9-16
 LOCATION: S24, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33084

Spud Date: 10-26-07
 TD: 5775'
 CSG: 10-13-07
 POP: 11-21-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/21/2007				1964				POP @ 5:00 P.M. w/ 84" SL @ 5 SPM. 1964 Total water to recover.
11/22/2007	14	0	55	1909	0	30	4 3/4	
11/23/2007	24	0	92	1817	14	45	4 3/4	
11/24/2007	24	0	93	1724	13	40	4 3/4	
11/25/2007	24	0	83	1641	11	45	4 3/4	
11/26/2007	24	20	73	1568	17	42	4 3/4	
11/27/2007	24	28	53	1515	14	45	4 3/4	
11/28/2007	24	33	57	1458	15	38	4 3/4	
11/29/2007	24	41	54	1404	30	38	5	
11/30/2007	24	38	50	1354	30	40	4 3/4	
12/1/2007	24	46	45	1309	29	40	4 3/4	
12/2/2007	24	38	58	1251	36	45	5 1/2	
12/3/2007	24	40	46	1205	30	45	4 3/4	
12/4/2007	24	40	46	1159	36	45	4 3/4	
12/5/2007	24	46	48	1111	37	45	5 3/4	
12/6/2007	24	33	35	1076	30	35	4 3/4	
12/7/2007	24	47	45	1031	31	35	4 3/4	
12/8/2007	24	43	51	980	31	35	4 3/4	
12/9/2007	24	43	43	937	34	35	4 3/4	
12/10/2007	24	43	37	900	30	35	4 3/4	
12/11/2007	24	43	52	848	27	35	4 3/4	
12/12/2007	24	40	42	806	30	40	4 3/4	
12/13/2007	24	46	55	751	38	50	4 3/4	
12/14/2007				751				
12/15/2007				751				
12/16/2007				751				
12/17/2007				751				
12/18/2007				751				
12/19/2007				751				
12/20/2007				751				
12/21/2007				751				
12/22/2007				751				
		708	1213		563			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 3-24-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0722 FNL 2063 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 10/09/2012. On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: October 29, 2012 By:		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/19/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 10/12/12 Time 3:30 am pm
Test Conducted by: Cody Marx
Others Present: _____

Well: Federal 324-9-16

Field: Monument Butte

Well Location: NE/NW Sec. 24, T9S, R16E

API No: 43-013-33084

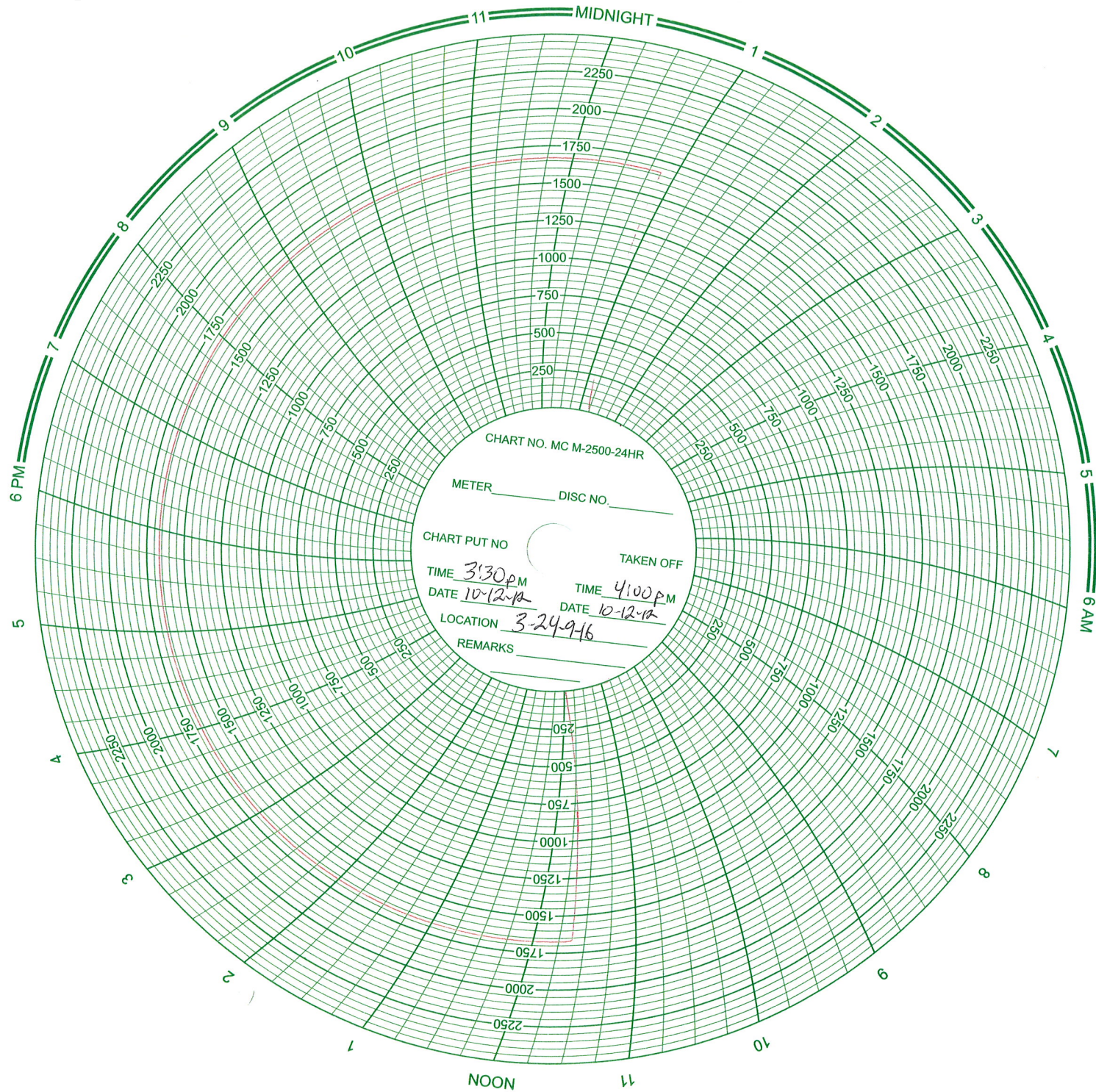
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1670</u>	psig
5	<u>1670</u>	psig
10	<u>1670</u>	psig
15	<u>1670</u>	psig
20	<u>1670</u>	psig
25	<u>1670</u>	psig
30 min	<u>1670</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure:  psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Cody Marx



Daily Activity Report

Format For Sundry

FEDERAL 3-24-9-16

8/1/2012 To 12/30/2012

10/3/2012 Day: 1

Conversion

WWS #3 on 10/3/2012 - MIRUSU. Test tbg. LD rods. Release TA. TOOHH w/ tbg breaking & doping. - TOOHH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOHH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOHH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOHH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOHH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$11,414

10/4/2012 Day: 2

Conversion

WWS #3 on 10/4/2012 - LD extra tbg on trailer. Perferate zones. RIH w/ tools. Test tools. Broke down sds. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - RU Perforators WLT & lubricator. RIH & perferate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/

tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$22,005

10/5/2012 Day: 3

Conversion

WWS #3 on 10/5/2012 - Break down D1 sds. Leave pkr hang w/ frac valve on tbg. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & discussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & discussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & discussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & discussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & discussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$27,390

10/8/2012 Day: 4

Conversion

WWS #3 on 10/8/2012 - Set pkr. RU Baker Hughes. Frac well. Flow well back. TOOH LD work string. RIH w Arrow Set. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand.

Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$106,994

10/9/2012 Day: 5

Conversion

WWS #3 on 10/9/2012 - Test tbg. Set pkr. Test casing. RDMOSU. Well ready for MIT. - RDMOSU. Well ready for MIT. - RU Sand line & fish std valve. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RDMOSU. Well ready for MIT. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$127,056

10/15/2012 Day: 6

Conversion

Rigless on 10/15/2012 - Conduct initial MIT - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting


during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$204,890

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 3-24-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0722 FNL 2063 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/30/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 8:40 AM on 11/30/2012.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/30/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 3-24-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0722 FNL 2063 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="New Perforations"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: D1 4492-4493' 3 JSPF 3 holes DS1 4387-4388' 3 JSPF 3 holes DS1 4378-4380' 3 JSPF 6 holes		
Accepted by the Utah Division of Oil, Gas and Mining Date: May 20, 2013 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 5/6/2013

Spud Date: 10-13-07

Put on Production: 11-21-07

GL: 5605' KB: 5617'

Federal 3-24-9-16

Initial Production: 56.4 BOPD,

25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (311')

DEPTH LANDED: 320'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (5741.47') Includes Shoe It. (39.25')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5754.72'

CEMENT DATA: 300 sk Perm. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 125 jts (3927.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3939.1' KB

ON/OFF TOOL AT: 3940.2'

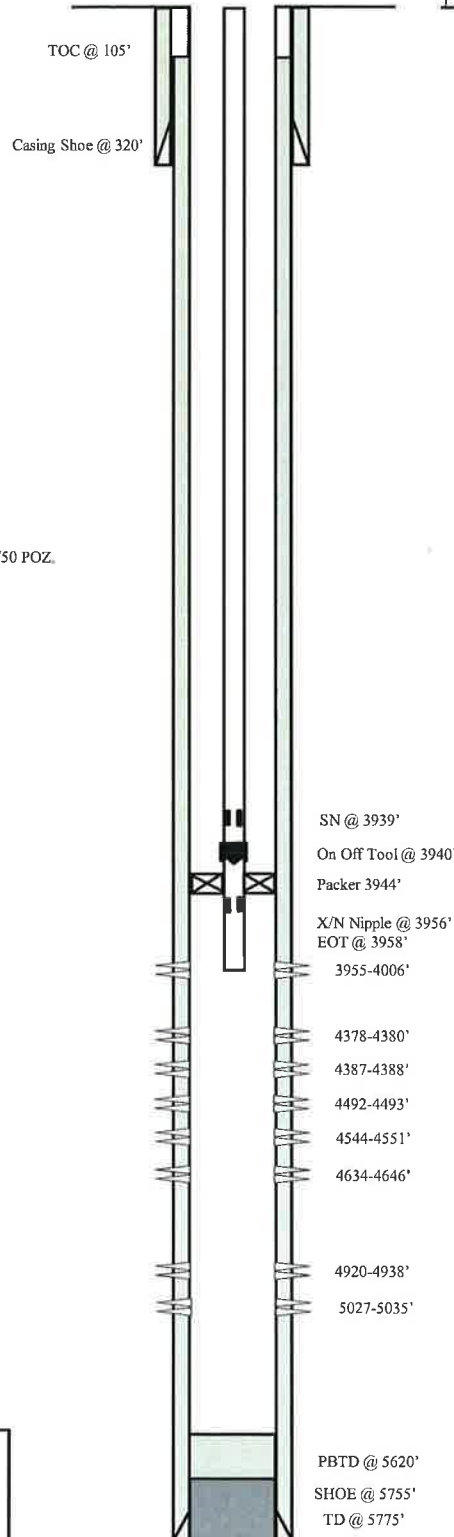
ARROW #1 PACKER CE AT: 3944.09'

XO 2-3/8 x 2-7/8 J-55 AT: 3948.9'

TBG PUP 2-3/8 J-55 AT: 3949.9'

X/N NIPPLE AT: 3956.1'

TOTAL STRING LENGTH: EOT @ 3958'

Injection Wellbore
DiagramFRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM. ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		Major Workover. Updated rod & tubing detail.
5/4/2010		Tubing leak. Updated rod and tubing detail.
6/9/2011		Tubing leak. Updated rod & tubing detail.
10/08/12	4378-4493'	Frac D1 & DS1 sands as follows: Frac with 29832# 20/40 sand in 362 bbls Lightning 17 fluid.
10/09/12		Convert to Injection Well
10/12/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes
10/04/12 4492-4493'	3 JSPF	3 holes
10/04/12 4387-4388'	3 JSPF	3 holes
10/04/12 4378-4380'	3 JSPF	6 holes

NEWFIELD**Federal 3-24-9-16**

722' FNL & 2063' FWL

NENW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33084; Lease #UTU-15855

Daily Activity Report**Format For Sundry****FEDERAL 3-24-9-16****8/1/2012 To 12/30/2012****10/3/2012 Day: 1****Conversion**

WWS #3 on 10/3/2012 - MIRUSU. Test tbg. LD rods. Release TA. TOOH w/ tbg breaking & doping. - TOOH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOOH breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$11,414**10/4/2012 Day: 2****Conversion**

WWS #3 on 10/4/2012 - LD extra tbg on trailer. Perforate zones. RIH w/ tools. Test tools. Broke down sds. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/

tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$22,005

10/5/2012 Day: 3

Conversion

WWS #3 on 10/5/2012 - Break down D1 sds. Leave pkr hang w/ frac valve on tbg. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$27,390

10/8/2012 Day: 4**Conversion**

WWS #3 on 10/8/2012 - Set pkr. RU Baker Hughes. Frac well. Flow well back. TOOH LD work string. RIH w Arrow Set. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand.

Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$106,994

10/9/2012 Day: 5

Conversion

WWS #3 on 10/9/2012 - Test tbg. Set pkr. Test casing. RDMOSU. Well ready for MIT. - RDMOSU. Well ready for MIT. - RU Sand line & fish std valve. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RDMOSU. Well ready for MIT. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$127,056

10/15/2012 Day: 6

Conversion

Rigless on 10/15/2012 - Conduct initial MIT - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting

during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$204,890

Pertinent Files: [Go to File List](#)



March 3, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in black ink, reading "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
MAR 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 3-24-9-16

9. API Well No.

43013-33084

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NE/NW Sec. 24, T9S R16E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface NE/NW 722' FNL 2063' FWL 579437X 40.021698
At proposed prod. zone 4430370Y -110.069124

14. Distance in miles and direction from nearest town or post office*

Approximately 17.1 miles south of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

Approx. 722' f/line, NA' f/unit

16. No. of Acres in lease

1200.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1334'

19. Proposed Depth

5848'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5605' GL

22. Approximate date work will start*

2nd Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

3/3/06

Title

Regulatory Specialist

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date

03-09-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

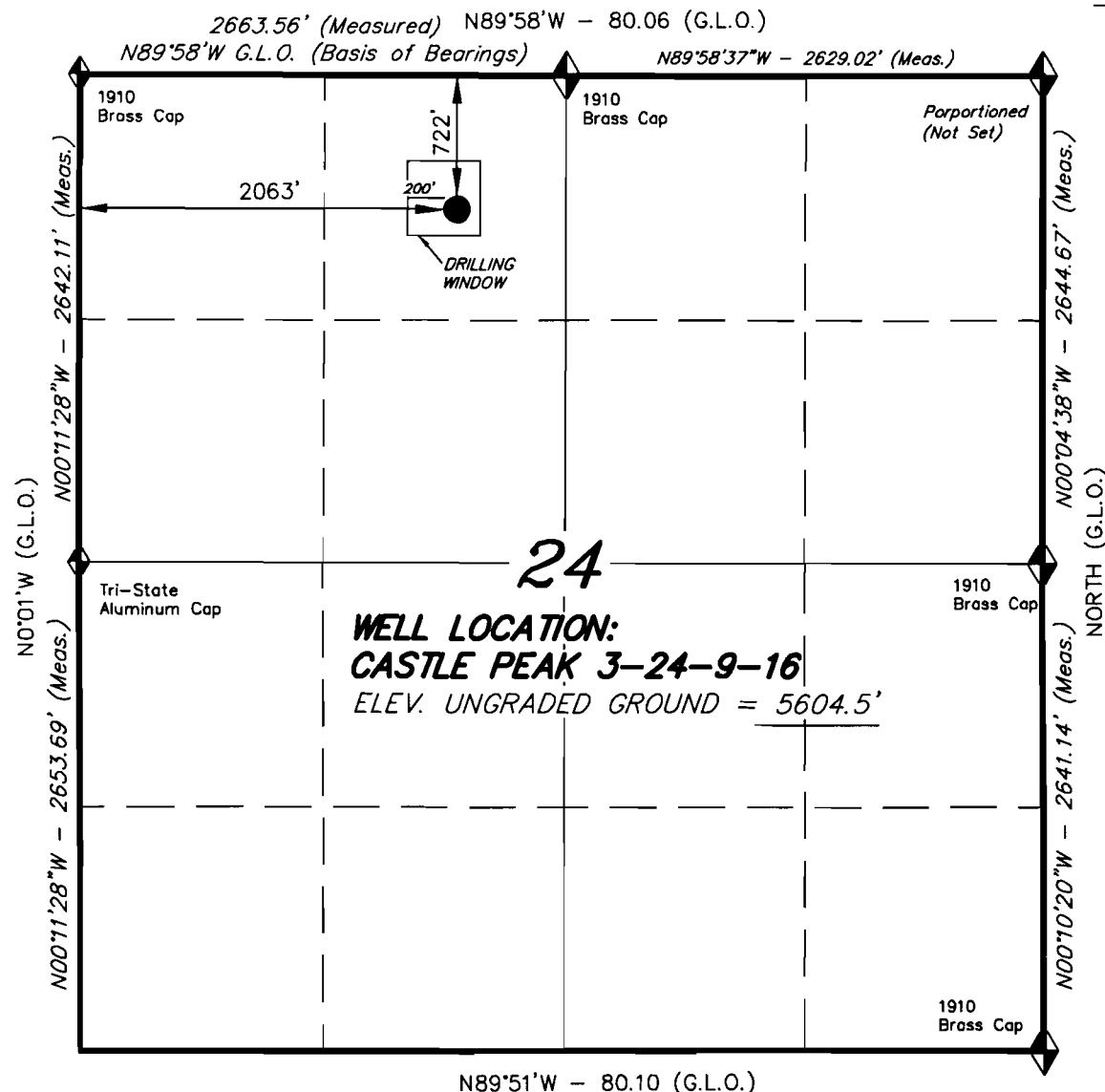
MAR 06 2006

DIV. OF OIL, GAS & MINING

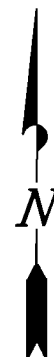
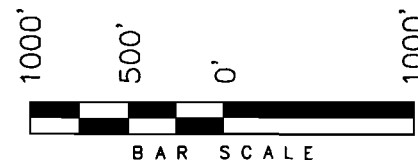
Federal Approval of this
Action is Necessary

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, CASTLE PEAK
 3-24-9-16, LOCATED AS SHOWN IN
 THE NE 1/4 NW 1/4 OF SECTION 24,
 T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
 UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377

REGISTERED LAND SURVEYOR
 STACY W.
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

CASTLE PEAK 3-24-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 17.94"
 LONGITUDE = 110° 04' 11.49"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD-PRODUCTION COMPANY
FEDERAL #3-24-9-16
NE/NW SECTION 24, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2209'
Green River	2209'
Wasatch	5848'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2209' – 5848' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #3-24-9-16
NE/NW SECTION 24, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-24-9-16 located in the NE 1/4 NW 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.8 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 980' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #3-24-9-16 Newfield Production Company requests 980' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 980' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1,100' ROW in Lease UTU-64805 and 2,470' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Amy Torres to advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #3-24-9-16 was on-sited on 11/30/05. The following were present: Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

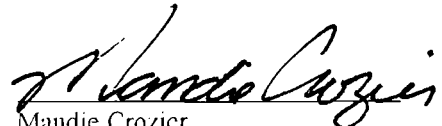
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-24-9-16 NE/NW Section 24, Township 9S, Range 16E, Lease UTU-15855 Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/3/06

Date

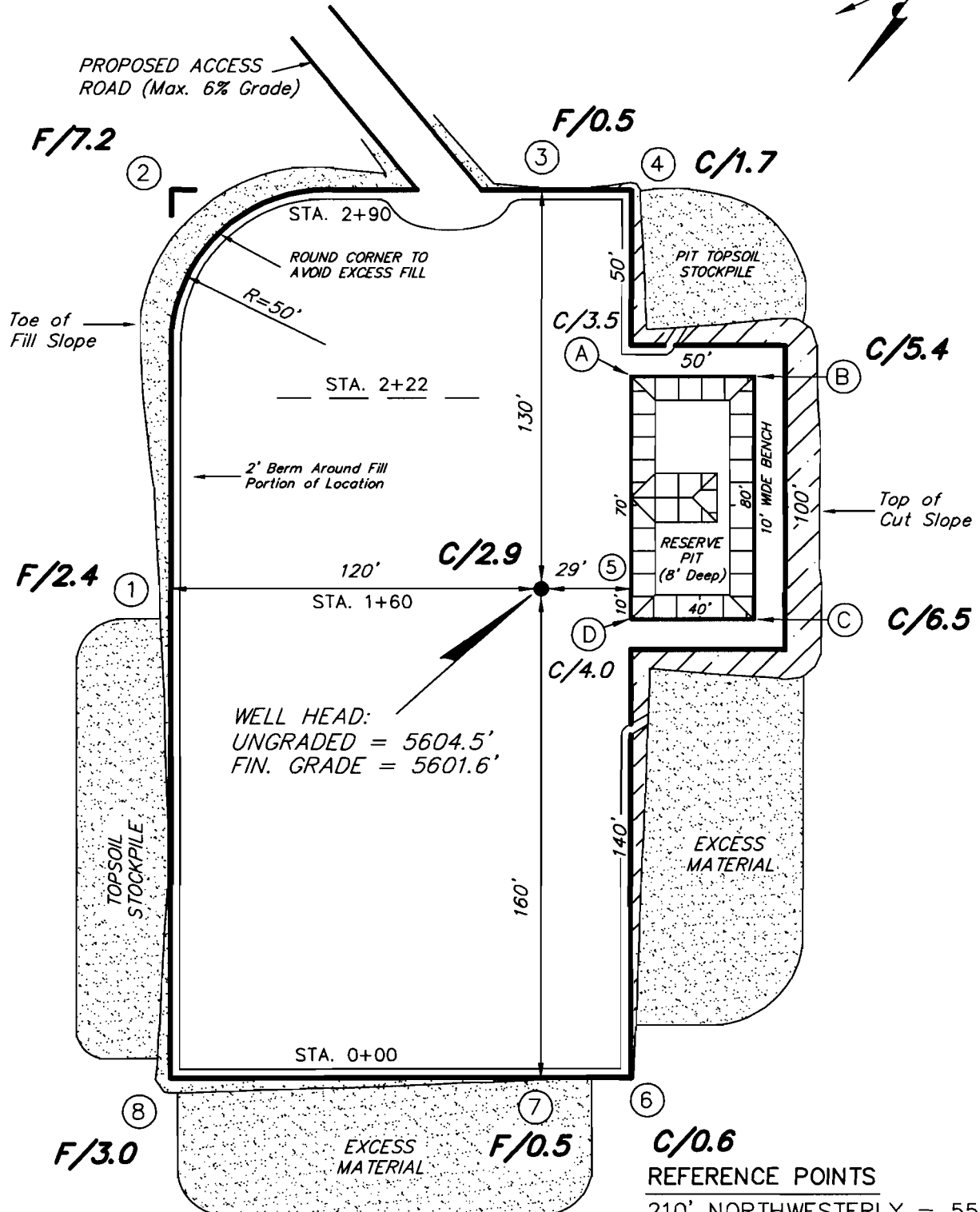
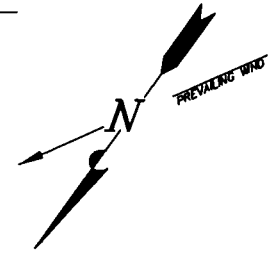


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 3-24-9-16

Section 24, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' NORTHWESTERLY = 5599.6'
260' NORTHWESTERLY = 5597.6'
170' NORTHEASTERLY = 5598.8'
220' NORTHEASTERLY = 5597.9'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-15-06

Tri State
Land Surveying, Inc.

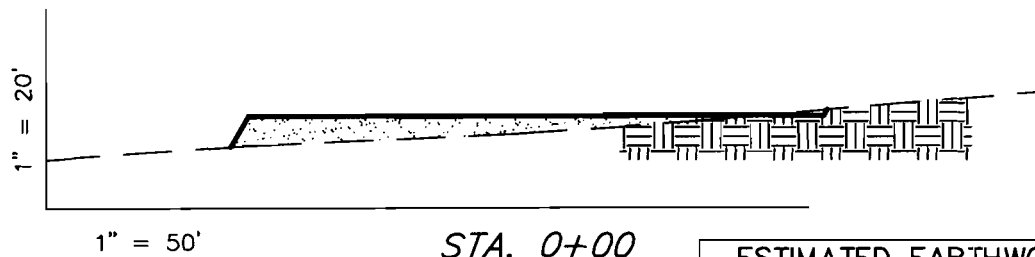
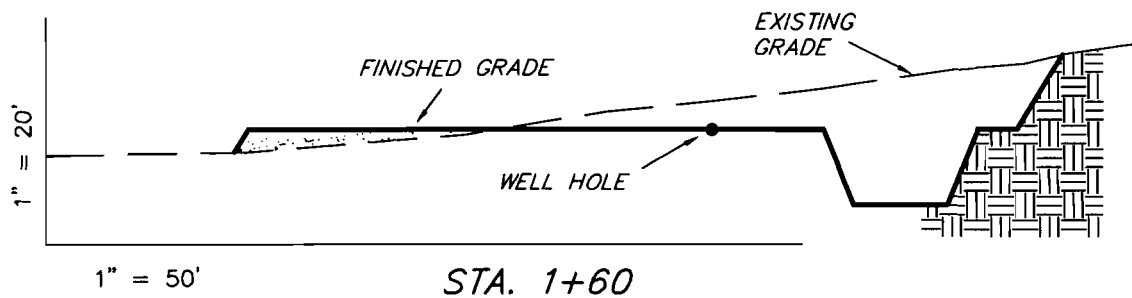
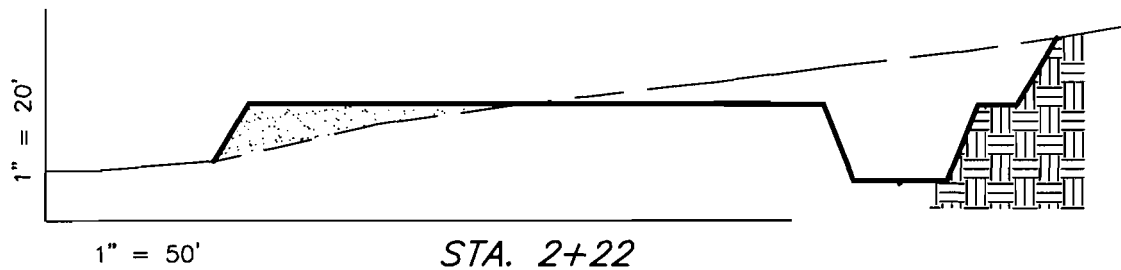
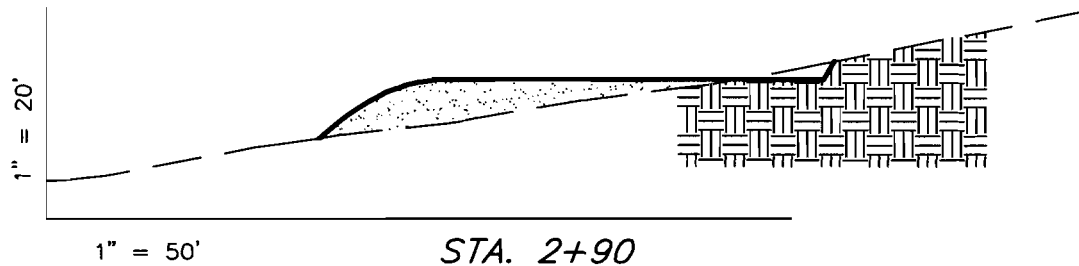
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 3-24-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,980	1,960	Topsoil is not included in Pad Cut	20
PIT	640	0		640
TOTALS	2,620	1,960	980	660

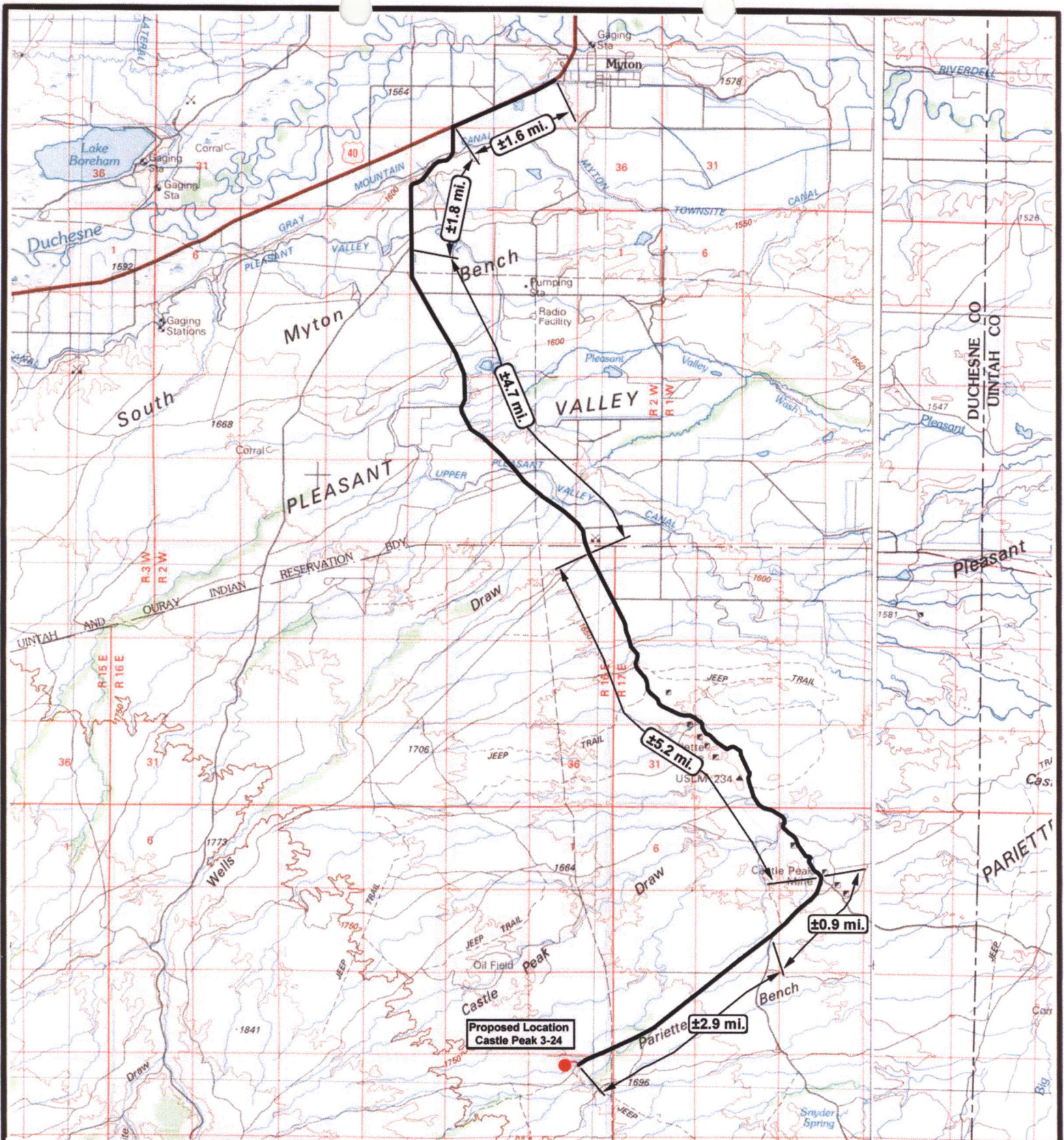
SURVEYED BY: C.M.


SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-15-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078





NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

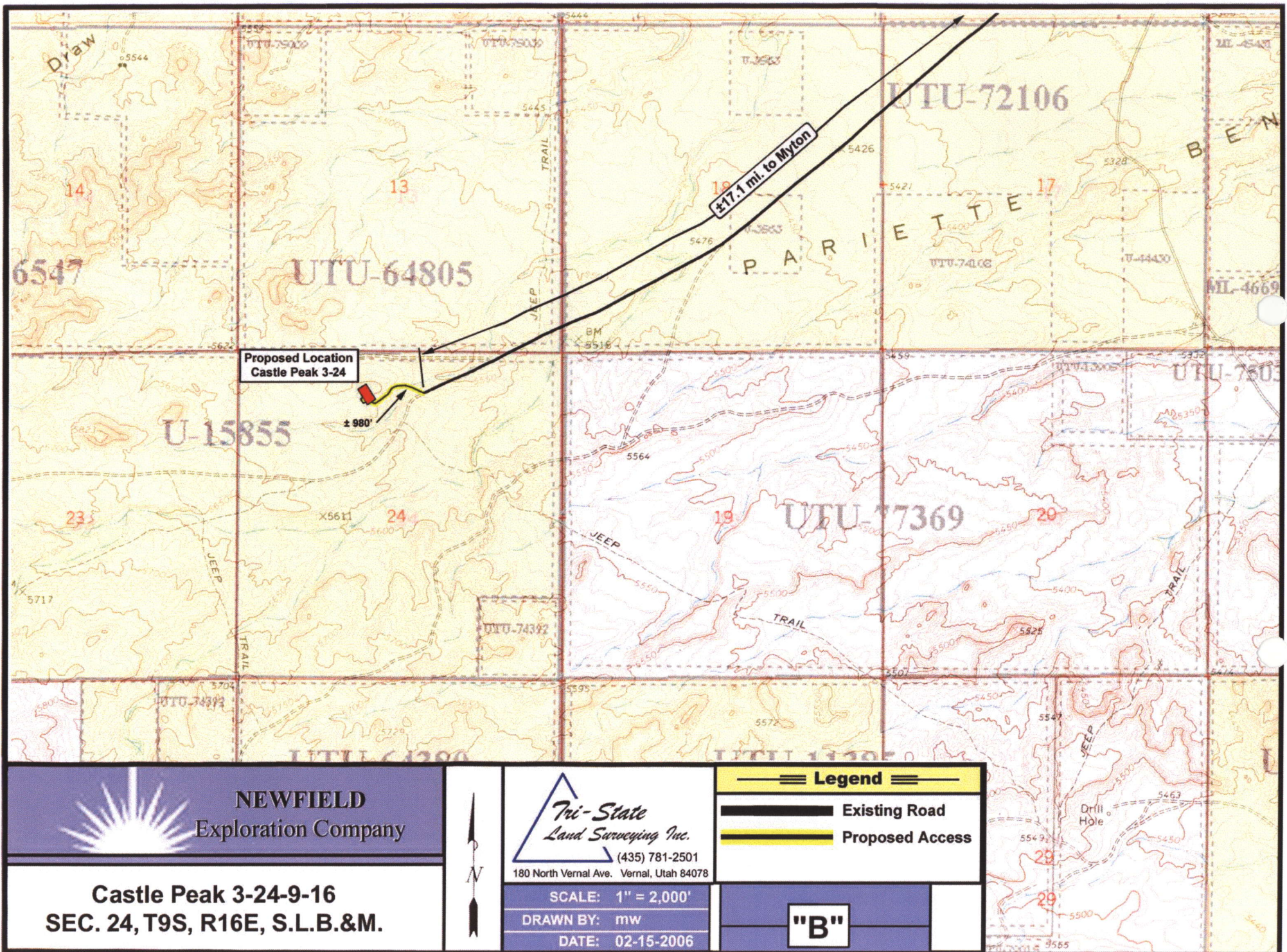
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 02-15-2006

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

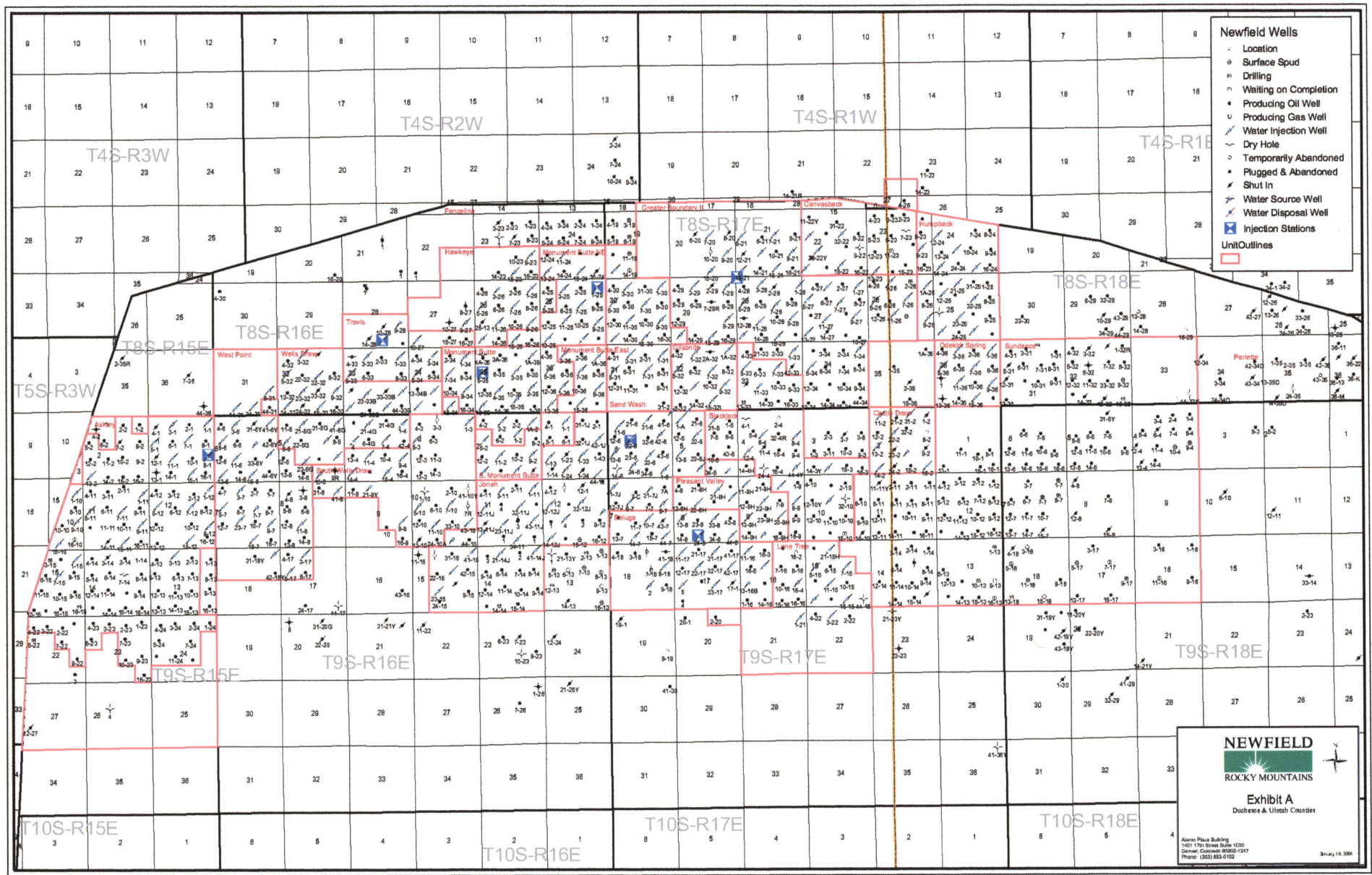
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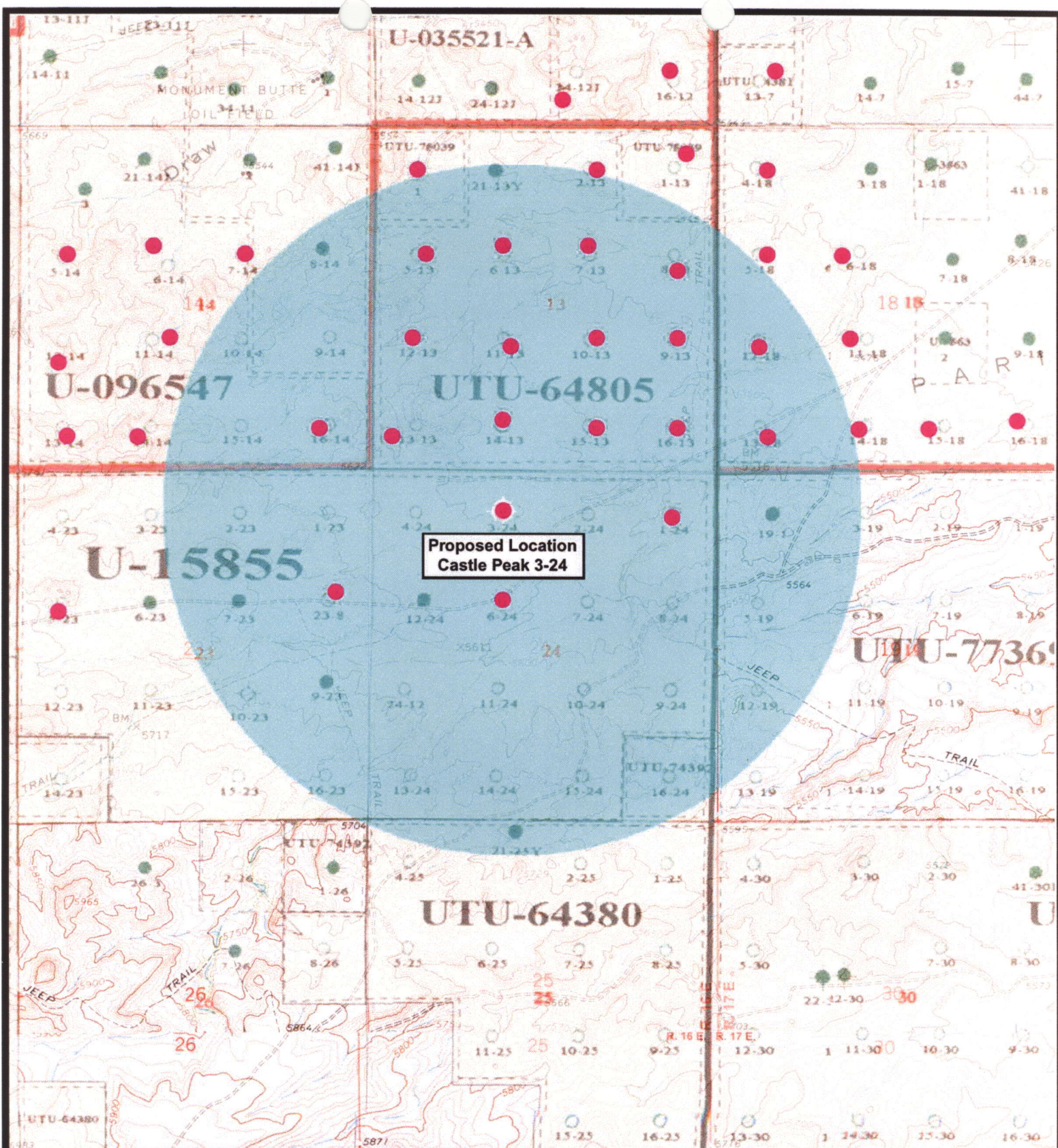
DATE: 02-15-2006


Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

"C"







NEWFIELD
Exploration Company

Castle Peak 3-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-15-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

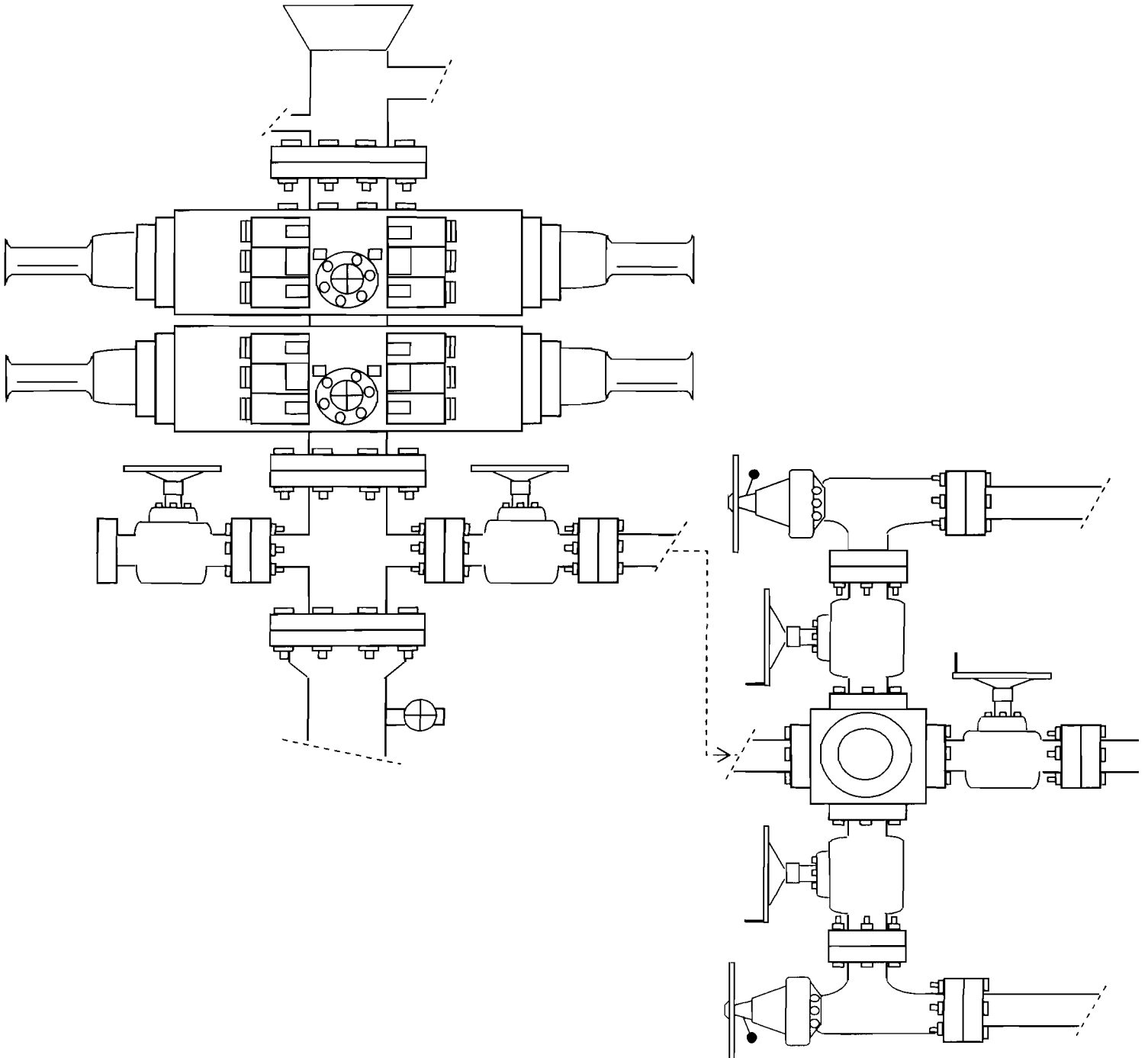


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,
DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen
and
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0831b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

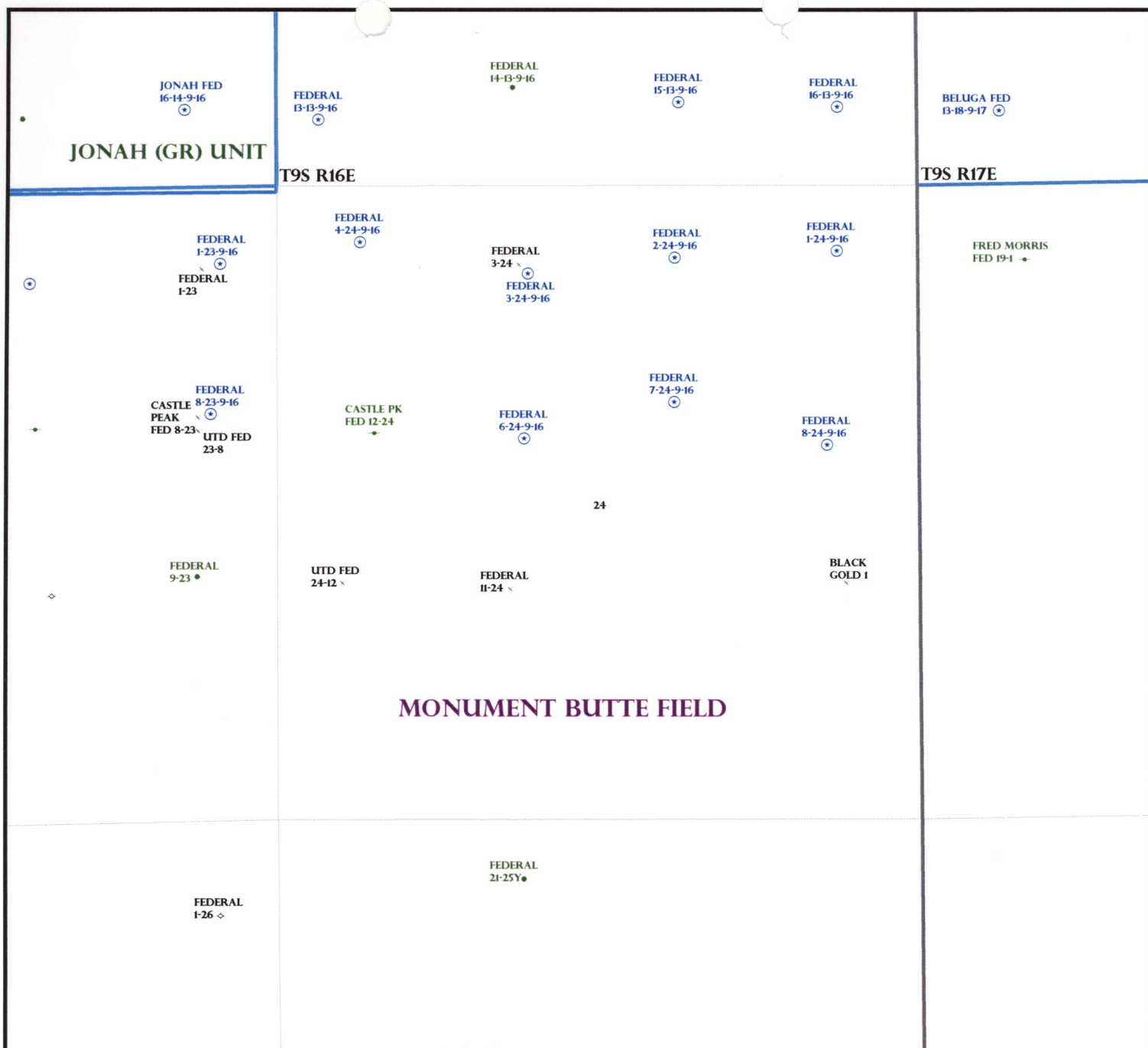
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

So, Separate file



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

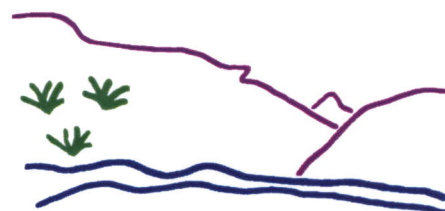
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 09-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 9, 2006

Newfield Production Company
Route #3, Box 3630
Myton, UT 84052

Re: Federal 3-24-9-16 Well, 722' FNL, 2063' FWL, NE NW, Sec. 24, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33084.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 3-24-9-16
API Number: 43-013-33084
Lease: UTU-15855

Location: NE NW **Sec.** 24 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 06 2006

CLARK COUNTY, UTAH

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-15855
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 3-24-9-16
9. API Well No. 43013-33084
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NE/NW Sec. 24, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 722' FNL 2063' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 17.1 miles south of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 722' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1334'	19. Proposed Depth 5848'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5605' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from start to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) JERRY KENCZKA	Date 3-8-2006
Title Assistant Field Manager Lands & Mineral Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

SEP 15 2006

DIV. OF OIL, GAS & MINING
NOTICE OF APPROVAL

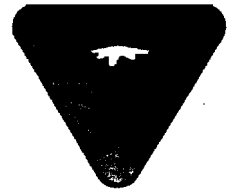
UDOGM

No NOS



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 3-24-9-16
API No: 43-013-33084

Location: NENW, Sec 24, T9S, R16E
Lease No: UTU-15855
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Charles Sharp	Office: 435-781-4486	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Chris Carusona) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. The proposed action is in Ferruginous hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through July 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from March 1st through July 15th a new survey for Ferruginous hawk is needed with the exception request.
5. The proposed action is in Cooper's hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1st through August 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Cooper's hawk is needed with the exception request.
6. Submit a ROW for road and pipelines.
7. According to the lease, No vehicle travel, construction or new surface disturbing activities shall be performed during periods only when the soil is dry, snow covered, or frozen from November 1st through April 30th. If a request for an exception to this limitation is desired, the request must be

made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities.

8. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
9. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
10. The reserve pit will be lined with a 16 ml or greater liner.
11. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
12. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
13. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
14. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
15. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

16. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
17. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
18. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
19. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

20. Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
21. Interim Reclamation (see below):
- a. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
 - b. Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesil</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre
 - c. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - d. There shall be no primary or secondary noxious weeds in the seed mixture.
 - e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
 - f. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
 - g. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than

Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 3-24-9-16

9. API Well No.

43-013-33084

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.**SUBMIT IN TRIPLICATE**

1. Type of Well

☒Oil
Well☐Gas
Well☐

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

722 FNL 2063 FWL NE/NW Section 24, T9S R16E12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Permit Extension☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/9/06 (expiration 3/9/07).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-06-07By: [Signature]3-7-07
RM

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MAR 06 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33084
Well Name: Federal 3-24-9-16
Location: NE/NW Section 24,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/9/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *NA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

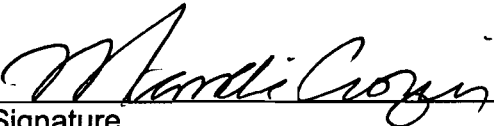
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
VERNAL FIELD OFFICE
2007 SEP 11 PM 1:24
BUREAU OF LAND MGMT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 3-24-9-16

9. API Well No.
43-013-33084

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
722 FNL 2063 FWL NE/NW Section 24, T9S R16E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/8/06 (expiration 9/8/07).

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 9/7/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State use)

Approved by Matt Baker Title Petroleum Engineer Date SEP 12 2007

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious

statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 3-24-9-16
Location: NENW Sec24-T9S-R16E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 09/08/08
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 3-24-9-16

Api No: 43-013-33084 Lease Type: FEDERAL

Section 24 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/13/07

Time 8:30 AM

How DRY

Drilling will Commence: _____

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 10/17/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 2 BOX 3636
MYTON, UT 84052

OPERATOR ACCT. NO. N2896

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12418 ✓	4301332997	WEST POINT FED 6-18-9-16	SENW	18	9S	16E	DUCHESNE	10/12/2007	10/17/07

WELL 1 COMMENTS:

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16413	4301333083	FEDERAL 2-24-9-16	NWNE	24	9S	16E	DUCHESNE	10/11/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16414	4301333084	FEDERAL 3-24-9-16	NENW	24	9S	16E	DUCHESNE	10/13/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12417 ✓	4301333282	LONE TREE FED 16-21-9-17	SESE	21	9S	17E	DUCHESNE	10/16/2007	10/17/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16241 ✓	4301332998	FEDERAL 12-18-9-16	NWSW	18	9S	16E	DUCHESNE	10/11/2007	10/17/07

WELL 5 COMMENTS: The Beluga Federal 12-18-9-17 was spudded on June 08, but this well was sent in by mistake, an entity number had been assigned before we caught my mistake

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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OCT 17 2007

DIV. OF OIL, GAS & MINING

[Signature]
Jenri Park
Production Clerk
10/17/07
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.

USA UTU-15855

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

Federal 3-24-9-16

9. API Well No.

4301333084

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENW Section 24 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/26/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

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NOV 28 2007

DIV. OF OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME Ashley	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME, WELL NO. Federal 3-24-9-16	
2. NAME OF OPERATOR Newfield Exploration Company		9. WELL NO. 43-013-33084	
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 722' FNL & 2063' FWL (NE/nW) Sec. 24, T9S, R16E At top prod. Interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T9S, R16E	
14. API NO. 43-013-33084		DATE ISSUED 3/9/07	
15. DATE SPUDDED 10/13/07	16. DATE T.D. REACHED 10/25/07	17. DATE COMPL. (Ready to prod.) 11/21/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5605'GL 5617'KB
20. TOTAL DEPTH, MD & TVD 5775'		21. PLUG BACK T.D., MD & TVD 5620'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ----->	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 3995'-5035'		12. COUNTY OR PARISH Duchesne	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log		13. STATE UT	
25. WAS DIRECTIONAL SURVEY MADE No		27. WAS WELL CORED No	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	320'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5754.72	7-7/8"	300 sx Premilite II and 400 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5115'	TA @ 5016'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5027'-5035'	.49"	4/32	5027'-5035'	Frac w/ 15380# 20/40 sand in 274 bbls fluid
(A1) 4920'-4938'	.49"	4/72	4920'-4938'	Frac w/ 90,793# 20/40 sand in 690 bbls fluid
(C sds) 4634'-4646'	.49"	4/48	4634'-4646'	Frac w/ 49,940# 20/40 sand in 449 bbls fluid
(D2) 4544'-4551'	.49"	4/28	4544'-4551'	Frac w/ 14,1381# 20/40 sand in 261 bbls fluid
(GB6) 3995'-4006'	.49"	4/44	3995'-4006'	Frac w/ 38,509 # 20/40 sand in 377 bbls fluid

33.* PRODUCTION									
DATE FIRST PRODUCTION 11/21/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump						WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO		
				42	24	44			
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel	TEST WITNESSED BY
--	-------------------

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Tammi Lee TITLE: Regulatory Specialist DATE: 12/14/2007

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 3-24-9-16	Garden Gulch Mkr	3458'	
				Garden Gulch 1	3666'	
				Garden Gulch 2	3781'	
				Point 3 Mkr	4020'	
				X Mkr	4293'	
				Y-Mkr	4328'	
				Douglas Creek Mkr	4448'	
				BiCarbonate Mkr	4682'	
				B Limestone Mkr	4791'	
				Castle Peak	5288'	
				Basal Carbonate	5730'	
				Total Depth (LOGGERS	5761'	

NEWFIELD



Well Name: Federal 3-24-9-16
 LOCATION: S24, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33084

Spud Date: 10-26-07
 TD: 5775'
 CSG: 10-13-07
 POP: 11-21-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/21/2007				1964				POP @ 5:00 P.M. w/ 84" SL @ 5 SPM. 1964 Total water to recover.
11/22/2007	14	0	55	1909	0	30	4 3/4	
11/23/2007	24	0	92	1817	14	45	4 3/4	
11/24/2007	24	0	93	1724	13	40	4 3/4	
11/25/2007	24	0	83	1641	11	45	4 3/4	
11/26/2007	24	20	73	1568	17	42	4 3/4	
11/27/2007	24	28	53	1515	14	45	4 3/4	
11/28/2007	24	33	57	1458	15	38	4 3/4	
11/29/2007	24	41	54	1404	30	38	5	
11/30/2007	24	38	50	1354	30	40	4 3/4	
12/1/2007	24	46	45	1309	29	40	4 3/4	
12/2/2007	24	38	58	1251	36	45	5 1/2	
12/3/2007	24	40	46	1205	30	45	4 3/4	
12/4/2007	24	40	46	1159	36	45	4 3/4	
12/5/2007	24	46	48	1111	37	45	5 3/4	
12/6/2007	24	33	35	1076	30	35	4 3/4	
12/7/2007	24	47	45	1031	31	35	4 3/4	
12/8/2007	24	43	51	980	31	35	4 3/4	
12/9/2007	24	43	43	937	34	35	4 3/4	
12/10/2007	24	43	37	900	30	35	4 3/4	
12/11/2007	24	43	52	848	27	35	4 3/4	
12/12/2007	24	40	42	806	30	40	4 3/4	
12/13/2007	24	46	55	751	38	50	4 3/4	
12/14/2007				751				
12/15/2007				751				
12/16/2007				751				
12/17/2007				751				
12/18/2007				751				
12/19/2007				751				
12/20/2007				751				
12/21/2007				751				
12/22/2007				751				
		708	1213		563			



April 30, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #3-24-9-16
Monument Butte Field, Lease #UTU-15855
Section 24-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #3-24-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED

MAY 01 2012

DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #3-24-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-15855
APRIL 30, 2012


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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #3-24-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-15855</u>
Well Location: QQ <u>NENW</u> section <u>24</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33084</u>	
Proposed injection interval: from <u>3781</u> to <u>5620</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1867</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date <u>9/30/12</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

Federal 3-24-9-16

Spud Date: 10-13-07
Put on Production: 11-21-07
GL: 5605' KB: 5617'

Initial Production: 56.4 BOPD,
25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7 jts (311')
DEPTH LANDED: 320'
HOLE SIZE 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

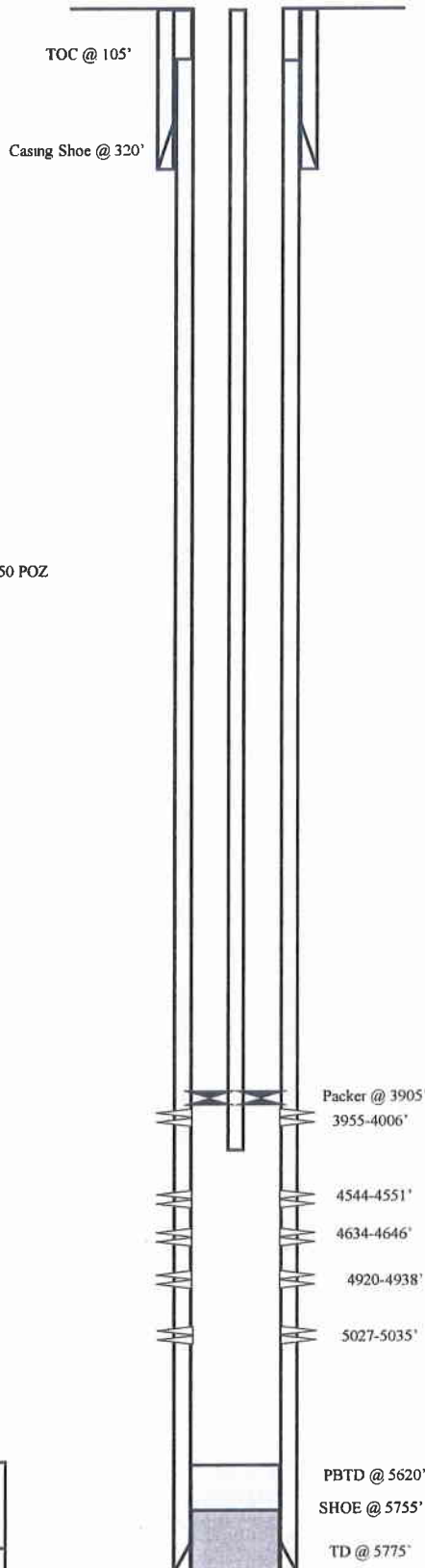
PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15.5#
LENGTH 148 jts (5741')
HOLE SIZE 7-7/8"
DEPTH LANDED: 5754 72'
CEMENT DATA 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS 160 jts (4972 80')
TUBING ANCHOR 4972 8'
NO OF JOINTS: 2 jts (65 6')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 5041 2' KB
NO OF JOINTS 2 jts (63 6')
TOTAL STRING LENGTH: EOT @ 5106'

Proposed Injection Wellbore Diagram



FRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM ISIP 2956 psi. Calc flush: 5025 gal Actual flush: 4519 gal
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM ISIP 2240 psi. Calc flush: 4918 gal Actual flush: 4414 gal
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM ISIP 1897 psi. Calc flush: 4632 gal Actual flush: 4129 gal
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM ISIP 1934 psi. Calc flush: 4542 gal Actual flush: 3952 gal
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM ISIP 1934 psi. Calc flush: 3993 gal Actual flush: 4032 gal
7/6/09		Major Workover Updated rod & tubing detail
5/4/2010		Tubing leak Updated rod and tubing detail
6/9/2011		Tubing leak Updated rod & tubing detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes



Federal 3-24-9-16
722' FNL & 2063' FWL
NENW Section 24-T9S-R16E
Duchesne Co, Utah
API #43-013-33084; Lease #UTU-15855

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #3-24-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #3-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3781' - 5620'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3457' and the TD is at 5775'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #3-24-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-15855) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 320' KB, and 5-1/2", 15.5# casing run from surface to 5755' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1867 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #3-24-9-16, for existing perforations (3995' - 5035') calculates at 0.84 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1867 psig. We may add additional perforations between 3457' and 5775'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #3-24-9-16, the proposed injection zone (3781' - 5620') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

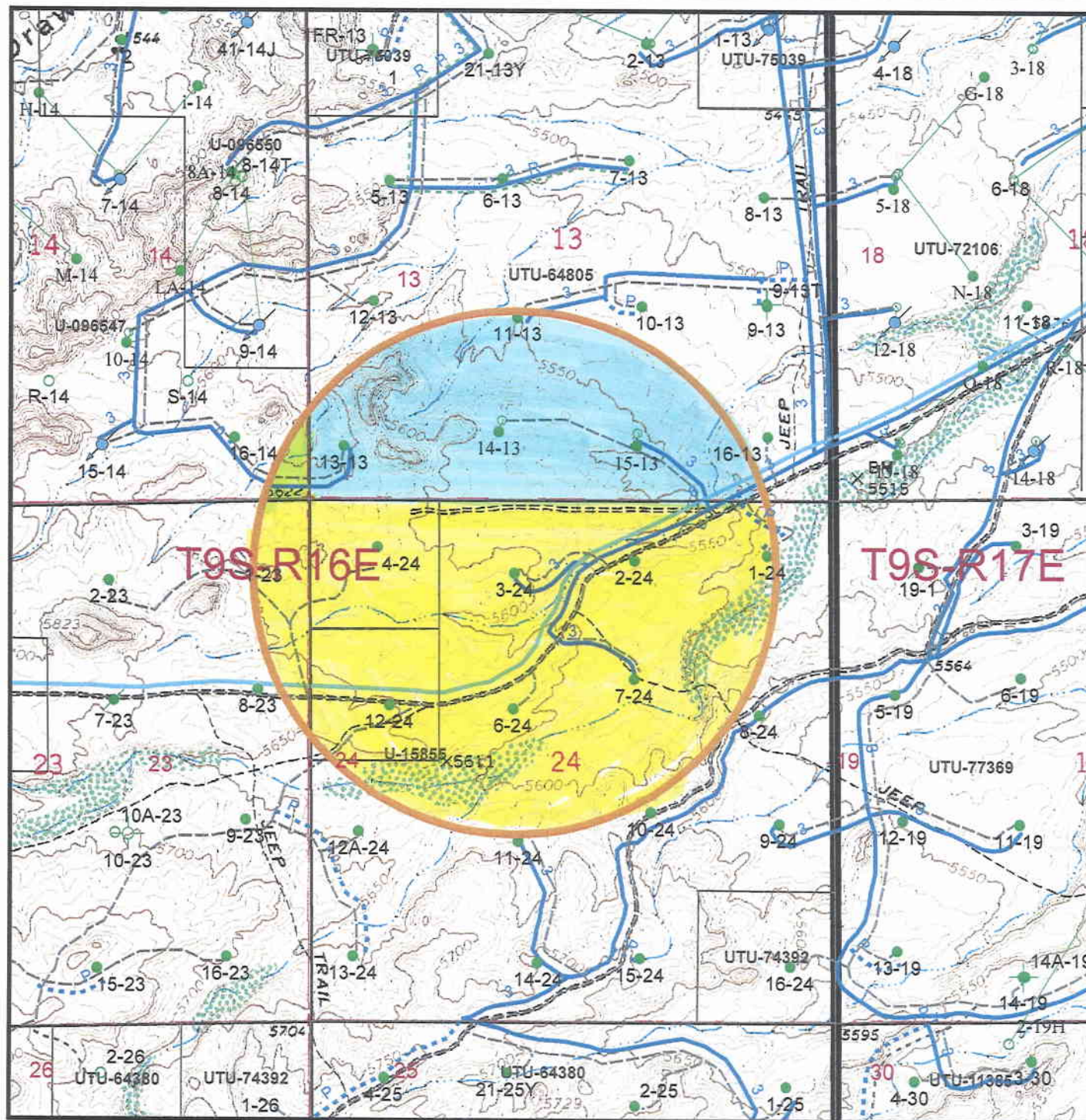
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- WellStatus_HalfMile_Buffer**
- Well Status**
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Countyline
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
 - Leases
 - Mining tracts

Federal 3-24
Section 24, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

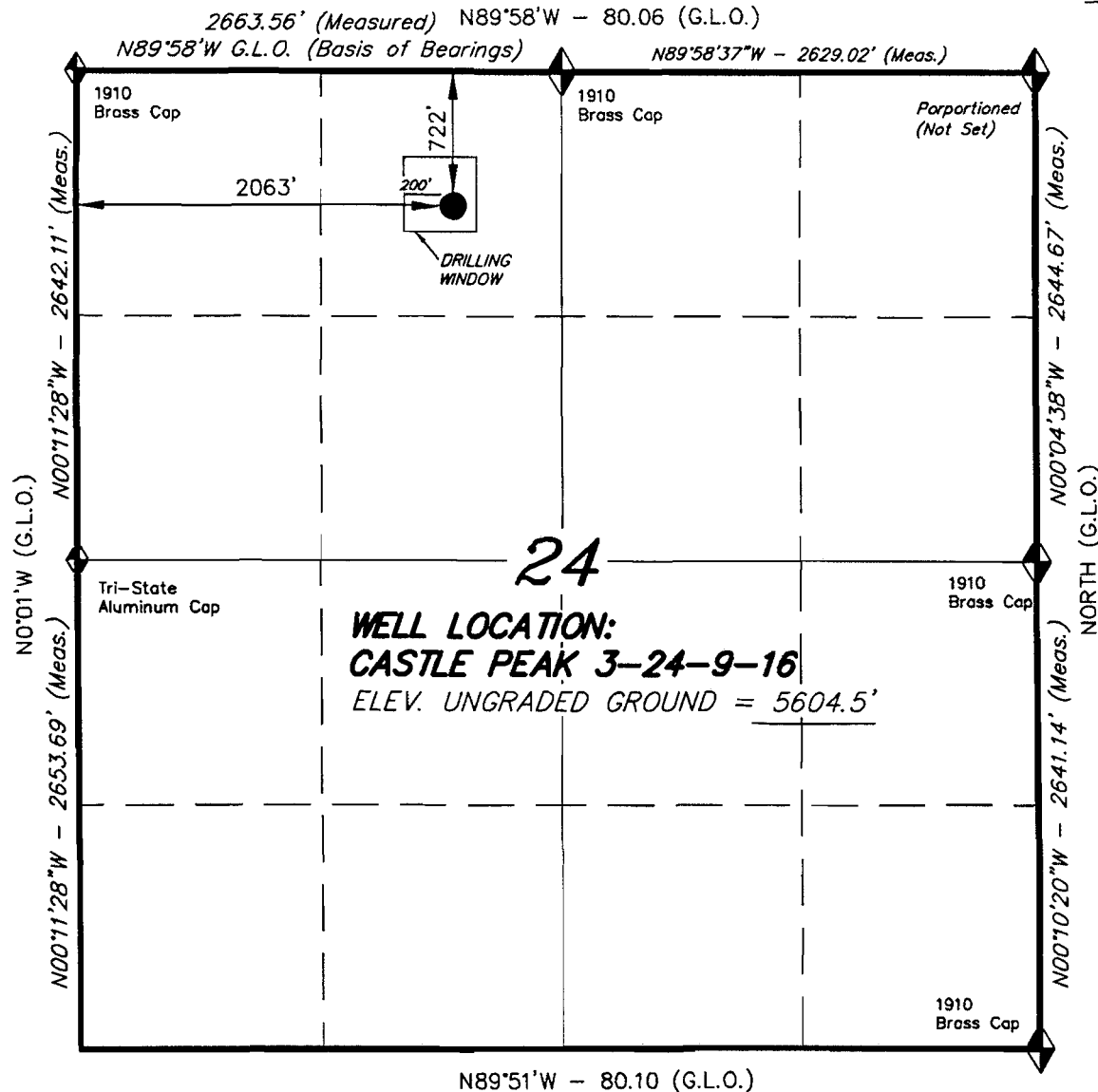
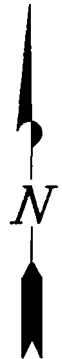
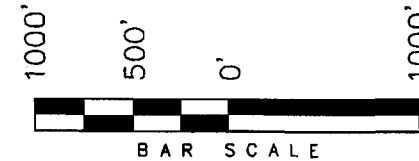
March 13, 2012

T9S, R16E, S.L.B.&M.

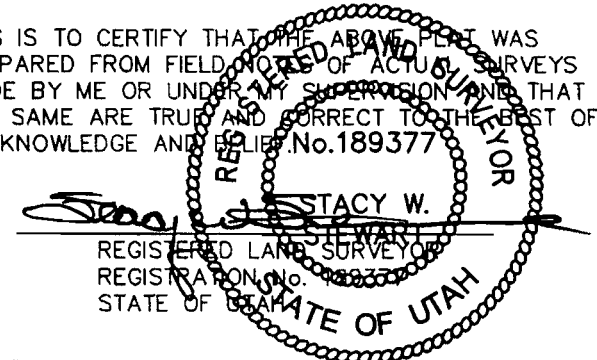
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK
3-24-9-16, LOCATED AS SHOWN IN
THE NE 1/4 NW 1/4 OF SECTION 24,
T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.

ATTACHMENT A-1



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

CASTLE PEAK 3-24-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 17.94"
LONGITUDE = 110° 04' 11.49"

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
2	T9S-R16E SLM Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #3-24-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Newfield Production Company
Eric Sundberg
Regulatory Lead

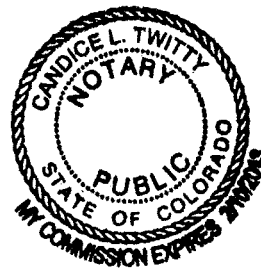
Sworn to and subscribed before me this 30th day of April, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 3-24-9-16

Attachment E

Spud Date: 10-13-07
Put on Production: 11-21-07
GL: 5605' KB: 5617'

Initial Production: 56.4 BOPD,
25.0 MCFD, 34.3 BWPDP

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311')
DEPTH LANDED: 320'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (5741')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5754.72'
CEMENT DATA: 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 160 jts (4972.80')
TUBING ANCHOR: 4972.8'
NO. OF JOINTS: 2 jts (65.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5041.2' KB
NO. OF JOINTS: 2 jts (63.6')
TOTAL STRING LENGTH: EOT @ 5106'

SUCKER RODS

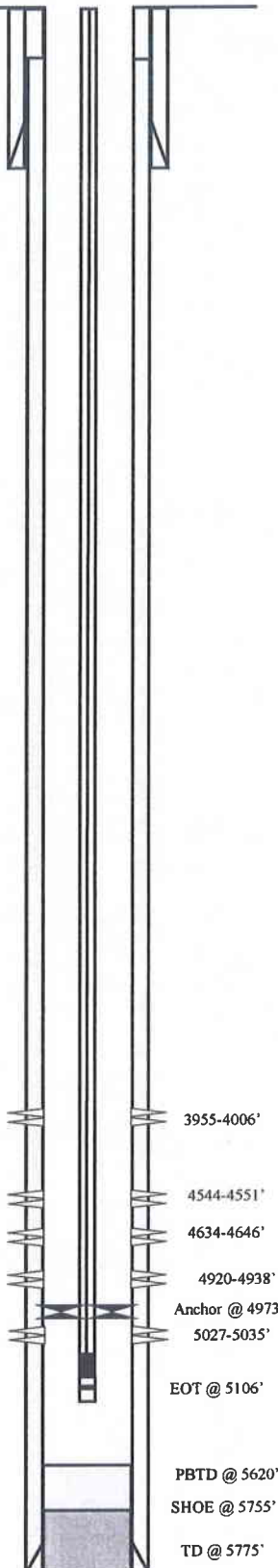
POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-8" x 3/4" pony rod, 1-6" x 3/4" pony rod, 113-3/4" = 2825'
guided rods, 42-3/4" = 1050' guided rods, 40-3/4" = 1000' guided rods, 6-1 1/4"
= 150' weight bars, 6 x 1" = 12' stabilizer bar
PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

FRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM ISIP 2956 psi. Calc flush: 5025 gal Actual flush: 4519 gal
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM ISIP 2240 psi. Calc flush: 4918 gal Actual flush: 4414 gal
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM ISIP 1897 psi. Calc flush: 4632 gal Actual flush: 4129 gal
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM ISIP 1934 psi. Calc flush: 4542 gal Actual flush: 3952 gal
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM ISIP 1934 psi. Calc flush: 3993 gal Actual flush: 4032 gal
7/6/09		Major Workover. Updated rod & tubing detail
5/4/2010		Tubing leak. Updated rod and tubing detail
6/9/2011		Tubing leak. Updated rod & tubing detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes



Federal 3-24-9-16
722' FNL & 2063' FWL
NENW Section 24-T9S-R16E
Duchesne Co, Utah
API #43-013-33084; Lease #UTU-15855

Federal 1-24-9-16

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311 69')
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (55748 15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761.4'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5319 90')
 TUBING ANCHOR: 5331 90'
 NO. OF JOINTS: 1 jts (31 54')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5366 24' KB
 NO. OF JOINTS: 2 jts (62 96')
 TOTAL STRING LENGTH: EOT @ 5430 75' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-8", 1-6", 1-2' x 3/4" ponies, 99-3/4" scraped rods, 88-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5"
 STROKE LENGTH: 86"
 PUMP SPEED: SPM: 5

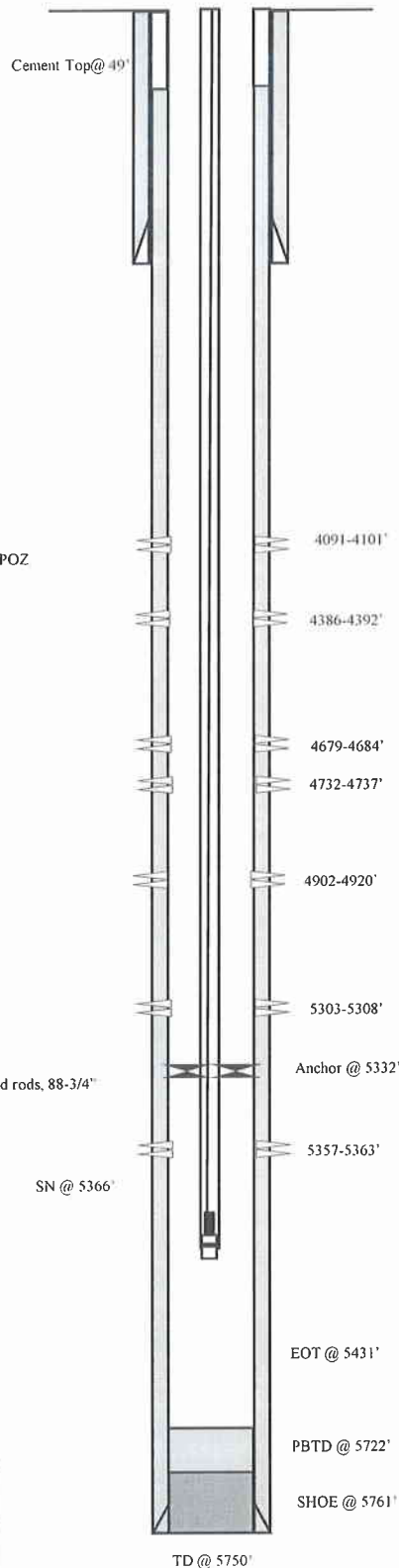
FRAC JOB

10-31-07 5303-5363' Frac CP 1&2 sands as follows:
 Frac with 14554# 20/40 sand in 285 bbls
 Lightning 17 fluid. Treat at 2420 psi @
 24.8 BPM. ISIP 2020 psi

10-31-07 4902-4920' Frac A3 sands as follows:
 Frac with 89906# 20/40 sand in 691 bbls
 Lightning 17 fluid. Treat at 2070 psi @
 24.8 BPM. ISIP 1785 psi

10-31-07 4386-4392' Frac DS3 sands as follows:
 Frac with 25051# 20/40 sand in 339
 bbls Lightning 17 fluid. Treat at 21300 psi
 @ 24.8 BPM. ISIP 1920 psi

10-31-07 4091-4101' Frac PB8 sand as follows:
 Frac with 62099# 20/40 sand in 499
 bbls Lightning 17 fluid. Treat at 2028 psi
 @ 24.8 BPM. ISIP 2110 psi

PERFORATION RECORD

4091-4101'	4 JSPF	40 holes
4386-4392'	4 JSPF	24 holes
4679-4684'	4 JSPF	20 holes
4732-4737'	4 JSPF	20 holes
4902-4920'	4 JSPF	72 holes
5303-5308'	4 JSPF	20 holes
5357-5363'	4 JSPF	24 holes



Federal 1-24-9-16
 537' FNL & 671' FEL
 NENE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33082; Lease #UTU-15855

FEDERAL 2-24-9-16

Spud Date: 10/11/07
Put on Production: 10/16/07
GL: 5559' KB: 5571'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.63')
DEPTH LANDED: 322.48' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (5720.99')
DEPTH LANDED: 5734.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5543.7')
TUBING ANCHOR: 5555.65' KB
NO. OF JOINTS: 1 jts (30.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5577.4' KB
NO. OF JOINTS: 1 jts (31.6')
2 7/8" NC (4.5')
TOTAL STRING LENGTH: EOT @ 5611' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-8", 2-12", 1-2", 2-6" x 3/4" pony rods, 100-3/4" guided rods (b grd), 76-3/4" plain rods (b grd), 20-3/4" guided rods (a grd), 6-1 1/2" weight rods
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16" RHAC rod pump
STROKE LENGTH: 76"
PUMP SPEED: 4.5 SPM

FRAC JOB

11/09/07 5574-5588' **Frac CP5 sands as follows:**
75968# 20/40 sand in 619 bbls Lightning 17
frac fluid. Treated @ avg press of 1986 psi
w/avg rate of 23.2 BPM ISIP 2173 psi. Calc
flush: 5572 gal. Actual flush: 4998 gal

11/09/07 3950-3970' **Frac GB6 sands as follows:**
151571# 20/40 sand in 1011 bbl Lightning 17
frac fluid. Treated @ avg press of 1593 psi
w/avg rate of 23.1 BPM ISIP 1775 psi. Calc
flush: 3948 gal. Actual flush: 3864 gal

05/29/08 Pump change: Updated rod and tubing detail
6/11/08 pump change: Updated rod and tubing detail
2/4/2011 Pump Change: Update rod and tubing details

PERFORATION RECORD

11/09/07 5574-5588' 4 JSPF 56 holes
11/09/07 3950-3970' 4 JSPF 80 holes

Cement Top @ 40'

SN 5577'

3950-3970'

Anchor @ 5555'

5574-5588'

EOT @ 5611'

PBTD @ 5696'

SHOE @ 5734'

TD @ 5750'



FEDERAL 2-24-9-16

595' FNL & 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33083; Lease # UTU-15855

FEDERAL 4-24-9-16

Spud Date: 12/12/07
Put on Production: 02/26/08
GL: 5613' KB: 5625'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH: 7 jts (304 16')
DEPTH LANDED 316 01' KB
HOLE SIZE 12-1/4"
CEMENT DATA 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15.5#
LENGTH 134 jts (5745 08')
DEPTH LANDED 5758 33' KB
HOLE SIZE 7-7/8"
CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP: 84'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
NO OF JOINTS 169 jts (5298 24')
TUBING ANCHOR 5310 24' KB
NO OF JOINTS: 2 jts (62 78')
SEATING NIPPLE 2-7/8" (1 10')
SN LANDED AT 5375 82' KB
NO OF JOINTS 2 jts (62 76')
TOTAL STRING LENGTH EOT @ 5440 13' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 26' SM polished rods
SUCKER RODS 1 - 3/4" x 2' Pony Rod, 1 - 3/4" x 4' Pony Rod, 1 - 3/4" x 6' Pony Rod, 99 - 3/4" Guided Rods, 89 - 3/4" Plain Rods, 20 - 3/4" Guided Rods, 6 - 1 1/2" weight bars
PUMP SIZE CDI 2 1/2" x 1 1/2" x 12 x 19 1/2" RHAC
STROKE LENGTH 102"
PUMP SPEED 5 SPM

FRAC JOB

02/21/08 5350-5360' **Frac CP1 sands as follows:**
19538# 20/40 sand in 318 bbls Lightning 17
frac fluid Treated @ avg press of 2319 psi
w/avg rate of 23 0 BPM ISIP 2169 psi

02/21/08 5062-5068' **Frac LODC sands as follows:**
14448# 20/40 sand in 267 bbl Lightning 17
frac fluid Treated @ avg press of 2913 psi
w/avg rate of 23 1 BPM ISIP 3354 psi

02/21/08 4936-4947' **Frac A3, sands as follows:**
79356# 20/40 sand in 628 bbls Lightning 17
frac fluid Treated @ avg press of 2038 psi
w/avg rate of 23 1 BPM ISIP 2069 psi

02/21/08 4893-4900' **Frac A1 sands as follows:**
79356# 20/40 sand in 628 bbls Lightning 17
frac fluid Treated @ avg press of 2038 psi
w/avg rate of 23 1 BPM ISIP 2069 psi

02/21/08 4481-4491' **Frac D1 sands as follows:**
54904# 20/40 sand in 482 bbls Lightning 17
frac fluid Treated @ avg press of 2070 psi
w/avg rate of 23 1 BPM ISIP 2153 psi

02/21/08 4018-4032' **Frac GB6 sands as follows:**
74458# 20/40 sand in 594 bbls Lightning 17
frac fluid Treated @ avg press of 2125 psi
w/avg rate of 23 1 BPM ISIP 1788 psi

PERFORATION RECORD

02/21/08	5350-5360'	4 JSPF	40 holes
02/21/08	5062-5068'	4 JSPF	24 holes
02/21/08	4936-4947'	4 JSPF	44 holes
02/21/08	4893-4900'	4 JSPF	28 holes
02/23/08	4481-4491'	4 JSPF	40 holes
02/23/08	4018-4032'	4 JSPF	56 holes

Cement Top @ 84'

4018-4032'

4481-4491'

4893-4900'

4936-4947'

5062-5068'

Anchor @ 5310'

5350-5360'

EOT @ 5400'

PBTD @ 5705'

TD @ 5775'

NEWFIELD

FEDERAL 4-24-9-16

462' FNL & 679' FWL

NWNW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33004; Lease # UTU-15855

FEDERAL 6-24-9-16

Spud Date: 11/02/07
 Put on Production: 12/12/07
 GL: 5611' KB: 5623'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.81')
 DEPTH LANDED: 324.66' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (5761.33')
 DEPTH LANDED: 5750' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 68'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5400')
 TUBING ANCHOR: 5399.5' KB
 NO. OF JOINTS: 1 jts (32.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5434.9' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5499' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-4" x 3/4" pony rods, 99-3/4" guided rods, 45-3/4" guided rods, 66-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 18"
 SPM: 82"
 PUMP SPEED: 4 SPM

FRAC JOB

12/06/07 5410-5418' **Frac CP3 sands as follows:**
 25257# 20/40 sand in 361 bbls Lightning 17
 frac fluid Treated @ avg press of 2391 psi
 w/avg rate of 23.1 BPM ISIP 2055 psi Calc
 flush: 5408 gal Actual flush: 4906 gal

12/06/07 5259-5266' **Frac CP.5 sands as follows:**
 25324# 20/40 sand in 351 bbls Lightning 17
 frac fluid Treated @ avg press of 2677 psi
 w/avg rate of 23.1 BPM ISIP 2035 psi Calc
 flush: 5257 gal Actual flush: 4754 gal

12/06/07 4994-5002' **Frac LODC sands as follows:**
 25369# 20/40 sand in 354 bbls Lightning 17
 frac fluid Treated @ avg press of 3093 psi
 w/avg rate of 23.2 BPM ISIP 3198 psi Calc
 flush: 4992 gal Actual flush: 4490 gal


12/06/07 4842-4864' **Frac A1 sands as follows:**
 40223# 20/40 sand in 398 bbls Lightning 17
 frac fluid Treated @ avg press of 2114 psi
 w/avg rate of 23.1 BPM ISIP 2132 psi Calc
 flush: 4840 gal Actual flush: 4326 gal

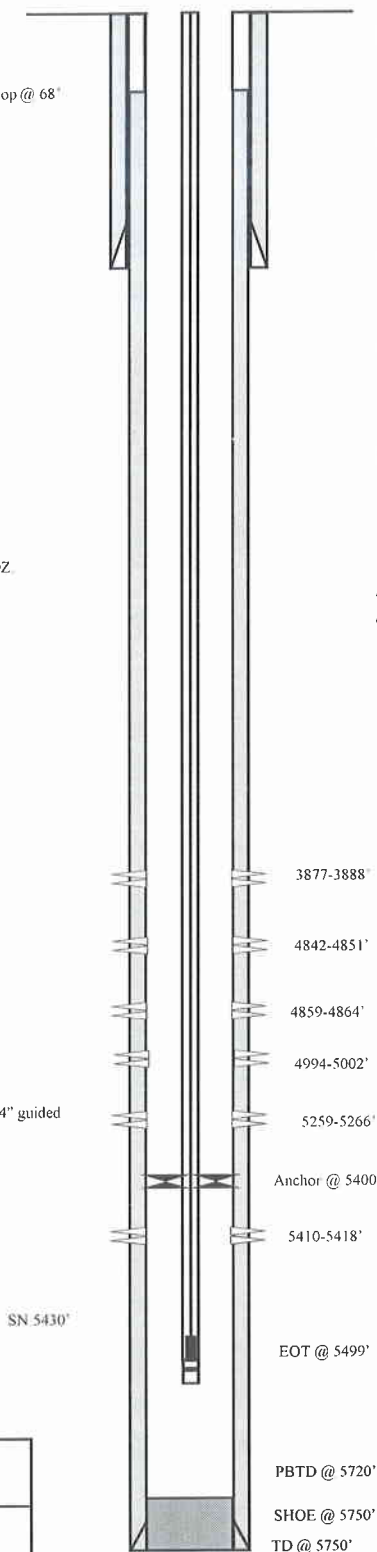
12/06/07 3877-3888' **Frac GB4 sands as follows:**
 38701# 20/40 sand in 339 bbls Lightning 17
 frac fluid Treated @ avg press of 1497 psi
 w/avg rate of 23.2 BPM ISIP 1632 psi Calc
 flush: 3875 gal Actual flush: 3822 gal

4/3/09 Tubing Leak Updated r & t details.
 9/3/09 Tubing Leak Updated rod & tubing details.
 10/16/2010 Tubing Leak Update rod and tubing details.

PERFORATION RECORD

11/29/07	5410-5418'	4 JSPF	32 holes
12/06/07	5259-5266'	4 JSPF	28 holes
12/06/07	4994-5002'	4 JSPF	32 holes
12/06/07	4859-4864'	4 JSPF	20 holes
12/06/07	4842-4851'	4 JSPF	36 holes
12/06/07	3877-3888'	4 JSPF	44 holes


FEDERAL 6-24-9-16 2039' FNL & 2046' FWL SE/NW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-32962; Lease # UTU-15855



FEDERAL 7-24-9-16

Spud Date: 10/08/07

Put on Production: 11/29/07

GL: 5582' KB: 5594'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (312 36')

DEPTH LANDED: 320.63' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts (5708 82')

DEPTH LANDED: 5722.07' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 102'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO OF JOINTS: 130 jts (3891.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3903.9' KB

ON/OFF TOOL AT: 3905.0'

PACKER CE @ 3909.59'

XN NIPPLE: 3914'

TOTAL STRING LENGTH: EOT @ 3915' KB

FRAC JOB

11/28/07 4773-4780'

Frac A.5 sands as follows:

17251# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.

11/28/07 4707-4714'

Frac B2 sands as follows:

14724# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.

11/28/07 4648-4656'

Frac B1 sands as follows:

34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.

11/28/07 4507-4518'

Frac D3 sands as follows:

19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.

11/28/07 4086-4094'

Frac PB8 sands as follows:

39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal.

11/28/07 3937-3948'

Frac GB6 sands as follows:

9438# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal.

7/17/08

Pump Change. Updated rod and tubing detail.

9/16/09

Pump Change. Updated rod & tubing details.

1/14/10

Tubing Leak. Updated rod and tubing detail.

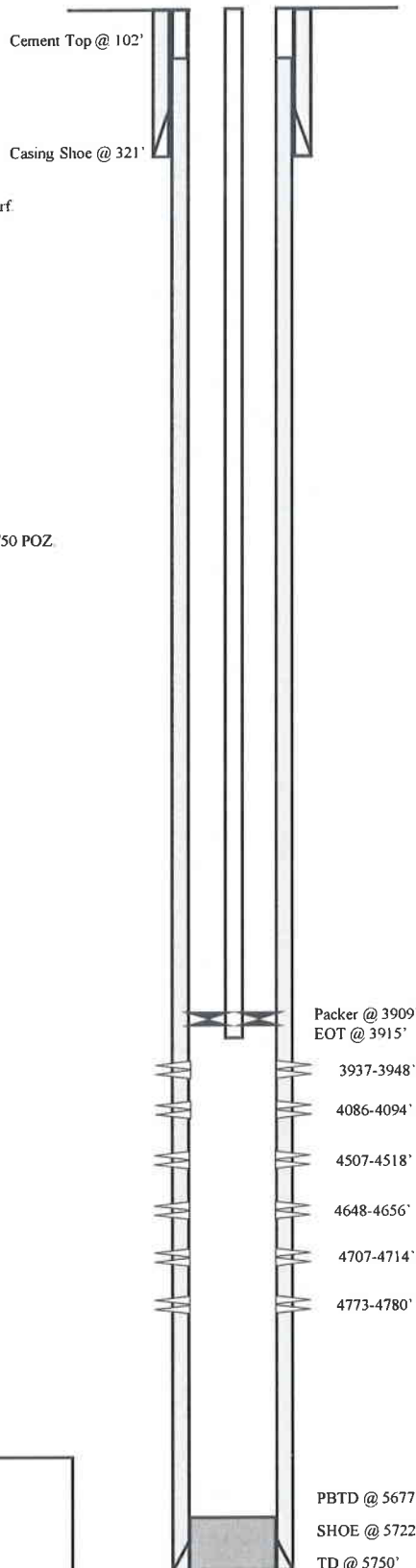
07/03/12

Convert to Injection Well

07/10/12

Conversion MIT Finalized - update tbg detail.PERFORATION RECORD

4773-4780'	4 JSPF	28 holes
4707-4714'	4 JSPF	28 holes
4648-4656'	4 JSPF	32 holes
4507-4518'	4 JSPF	44 holes
4086-4094'	4 JSPF	32 holes
3937-3948'	4 JSPF	44 holes



NEWFIELD

FEDERAL 7-24-9-16

1790'FNL & 2019' FEL

SW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33085; Lease # UTU-15855

Federal 11-13-9-16

Spud Date: 10/31/05
 Put on Production: 12/14/05
 GL: 5444' KB:5454'

Wellbore Diagram

Initial Production: BOPD 51,
 MCFD 39, BWPD 28

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (296 83')
 DEPTH LANDED: 306 83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf

PRODUCTION CASING

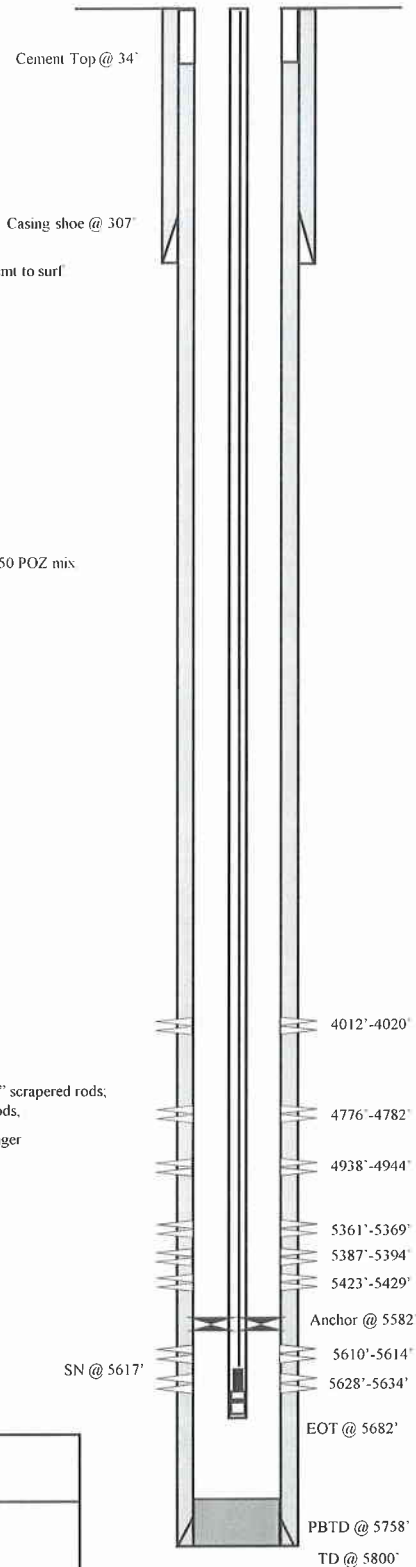
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts (5791 7')
 DEPTH LANDED: 5789 7' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sx Prem Lite II mixed & 450 sx 50/50 POZ mix
 CEMENT TOP AT: 34'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5571 73')
 TUBING ANCHOR: 5581 73' KB
 NO. OF JOINTS: 1 jt (32 55')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5617 08' KB
 NO. OF JOINTS: 2 jts (63 62')
 TOTAL STRING LENGTH: EOT @ 5682.25' w/ 10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-6', 1-4', 1-2' x 3/4" pony rods, 100-3/4" scraped rods,
 99-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM

FRAC JOB

12/09/05 5610'-5634' **Frac CP4 sands as follows:**
 40,198# 20/40 sand in 394 bbls lightning
 Frac 17 fluid. Treated @ avg press of 1702 psi
 w/avg rate of 24 7 BPM. ISIP 2300 psi. Calc
 flush: 5608 gal Actual flush: 5007 gal

12/09/05 5361'-5429' **Frac CP1 & CP2 sands as follows:**
 95,683# 20/40 sand in 703 bbls lightning
 Frac 17 fluid. Treated @ avg press of 1593 psi
 w/avg rate of 24 7 BPM. ISIP 2150 psi. Calc
 flush: 5359 gal Actual flush: 4775 gal

12/10/05 4938'-4944' **Frac A1 sands as follows:**
 20,953# 20/40 sand in 278 bbls lightning Frac
 17 fluid. Treated @ avg press of 1972 psi
 w/avg rate of 24 8 BPM. ISIP 1950 psi. Calc
 flush: 4936 gal Actual flush: 4368 gal

12/10/05 4776'-4782' **Frac B1 sands as follows:**
 36,114# 20/40 sand in 380 bbls lightning Frac
 17 fluid. Treated @ avg press of 2210psi
 w/avg rate of 24 9 BPM. ISIP 1975 psi. Calc
 flush: 4774 gal Actual flush: 3822 gal

12/10/05 4012'-4020' **Frac GB4 sands as follows:**
 19,329# 20/40 sand in 268 bbls lightning Frac
 17 fluid. Treated @ avg press of 1347psi
 w/avg rate of 14 3 BPM. ISIP 1700 psi. Calc
 flush: 4010 gal Actual flush: 3927 gal

06/28/07 Pump Change. Update rod and tubing details

PERFORATION RECORD

12/05/05	5628'-5634'	4 JSPF	24 holes
12/05/05	5610'-5614'	4 JSPF	16 holes
12/09/05	5423'-5429'	4 JSPF	24 holes
12/09/05	5387'-5394'	4 JSPF	28 holes
12/09/05	5361'-5369'	4 JSPF	32 holes
12/09/05	4938'-4944'	4 JSPF	24 holes
12/10/05	4776'-4782'	4 JSPF	24 holes
12/10/05	4012'-4020'	4 JSPF	32 holes

NEWFIELD

Federal 11-13-9-16

1855' FSL & 2103' FWL

NE/SW Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-32652; Lease #UTU-64805

CB 07/17/07

FEDERAL 13-13-9-16

Spud Date: 04/13/07
Put on Production: 05/23/07
GL: 5592' KB: 5604'

Wellbore Diagram

Initial Production: 53 BOPD,
3 MCFD, 88 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.33')
DEPTH LANDED: 319.33' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts (5793.19')
DEPTH LANDED: 5789.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 177 jts (5485.73')
TUBING ANCHOR: 5485.7' KB
NO OF JOINTS: 2 jts (63.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5551.7' KB
NO OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5616' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 1-8' x 3/4" pony rods, 99-3/4" guided rods, 106-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 'RHAC
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5

FRAC JOB

05/15/07 5528-5533' **Frac CP3 sands as follows:**
14792# 20/40 sand in 265 bbls Lightning 17
frac fluid Treated @ avg press of 2351 psi
w/avg rate of 24.8 BPM ISIP 2074 psi Calc
flush: 5526 gal Actual flush: 5019 gal

05/15/07 5366-5374' **Frac CP1 sands as follows:**
40830# 20/40 sand in 346 bbls Lightning 17
frac fluid Treated @ avg press of 1857 psi
w/avg rate of 22.6 BPM ISIP 1997 psi Calc
flush: 5364 gal Actual flush: 4868 gal

05/18/07 4909-4959' **Frac A1&3 sands as follows:**
67943# 20/40 sand in 542 bbls Lightning 17
frac fluid Treated @ avg press of 1919 psi
w/avg rate of 24.7 BPM ISIP 1970 psi Calc
flush: 4907 gal Actual flush: 4406 gal

05/18/07 4628-4642' **Frac C sands as follows:**
29975# 20/40 sand in 345 bbls Lightning 17
frac fluid Treated @ avg press of 1884 psi
w/avg rate of 24.7 BPM ISIP 1910 psi Calc
flush: 4626 gal Actual flush: 4124 gal

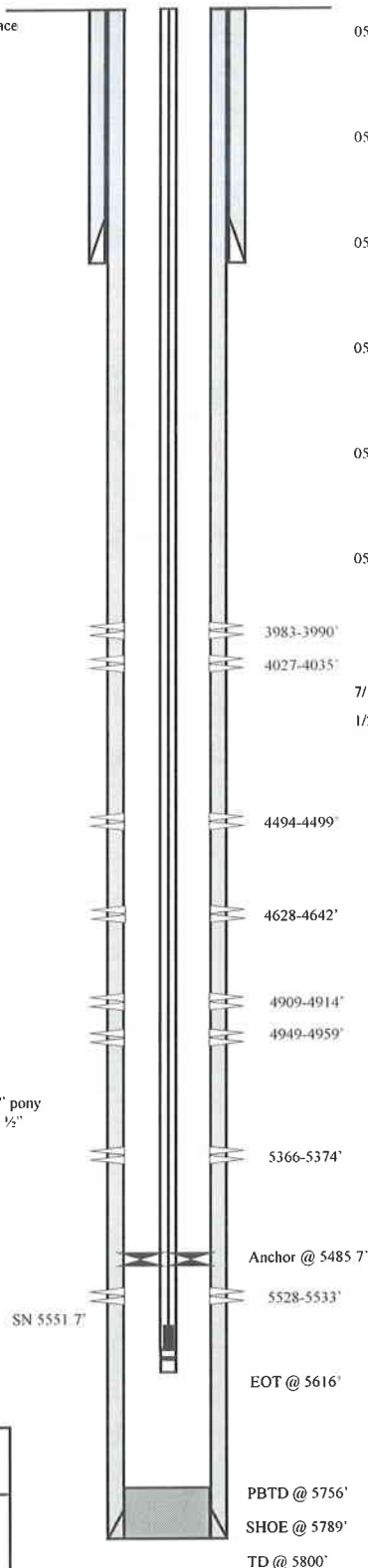
05/18/07 4494-4499' **Frac D1 sands as follows:**
14891# 20/40 sand in 237 bbls Lightning 17
frac fluid Treated @ avg press of 1954 psi
w/avg rate of 24.7 BPM ISIP 1980 psi Calc
flush: 4492 gal Actual flush: 3990 gal

05/18/07 3983-4035' **Frac GB4&6 sands as follows:**
56438# 20/40 sand in 443 bbls Lightning 17
frac fluid Treated @ avg press of 1550 psi
w/avg rate of 9 BPM ISIP 1685 psi Calc
flush: 3981 gal Actual flush: 3910 gal

7/17/08 pump change updated rod and tubing detail
1/20/2010 Pump change Updated rod and tubing detail

PERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes

**FEDERAL 13-13-9-16**

555' FSL & 344' FWL

SW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32650; Lease # UTU-64805

Federal 14-13-9-16

Spud Date: 8-16-05
 Put on Production: 10-21-05
 GL: 5581' KB: 5592'

Wellbore Diagram

Initial Production: BOPD.
 MCFD. BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.26')
 DEPTH LANDED: 313.11' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts (5656.84')
 DEPTH LANDED: 5667.49' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT: 600'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 167 jts (5391')
 TUBING ANCHOR: 5403' KB
 NO. OF JOINTS: 1 jts (32.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5438.4' KB
 NO. OF JOINTS: 1 jts (31.5')
 GAS ANCHOR: 5471'
 NO. OF JOINTS: 3 jts (95.2')
 TOTAL STRING LENGTH: EOT @ 5572' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1 - 2', 1-4', 1 - 12' x 3/4" pony sub, 113-3/4" guided rods, 80-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-3/4" x 20" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM

FRAC JOB

10-06-05 4921-4932' **Frac A1 sands as follows:**
 38723# 20/40 sand in 208 bbls Lightning 17
 frac fluid. Treated @ avg press of 3220 psi
 w/avg rate of 14.2 BPM. ISIP 2060 psi
 Actual flush: 1176 gal

10-19-05 4582-4595' **Frac D2 sands as follows:**
 75389# 20/40 sand in 595 bbls Lightning 17
 frac fluid. Treated @ avg press of 1833 psi
 w/avg rate of 24.9 BPM. ISIP 2000 psi
 Actual flush: 4376 gal

10-19-05 4154-4162' **Frac PB8 sands as follows:**
 29831# 20/40 sand in 340 bbls Lightning 17
 frac fluid. Treated @ avg press of 2398 psi
 w/avg rate of 14.3 BPM. ISIP 2925 psi
 Actual flush: 3898 gal

10-19-05 3937-4005' **Frac GB4 sands as follows:**
 60097# 20/40 sand in 447 bbls Lightning 17
 frac fluid. Treated @ avg press of 1420 psi
 w/avg rate of 14.4 BPM. ISIP 1590 psi
 Actual flush: 3864 gal

11-09-10 5379-5512' **Frac CP1, CP2, & CP3 sands as follows:**
 13388# 20/40 sand in 123 bbls Lightning 17
 fluid

11-09-10 4990-5012' **Frac A3 sands as follows:** 22961# 20/40
 sand in 207 bbls Lightning 17 fluid

11-11-10 **Re-Completion – updated detail**
 11/12/2010

PERFORATION RECORD

10-04-05	4921-4932'	4 JSPF	44 holes
10-19-05	4582-4895'	4 JSPF	52 holes
10-19-05	4154-4162'	4 JSPF	32 holes
10-19-05	3937-3950'	4 JSPF	52 holes
10-19-05	3997-4005'	4 JSPF	32 holes
11-09-10	5509-5512'	3 JSPF	9 holes
11-09-10	5411-5417'	3 JSPF	18 holes
11-09-10	5379-5381'	3 JSPF	6 holes
11-09-10	5005-5012'	3 JSPF	21 holes
11-09-10	4990-4992'	3 JSPF	6 holes

TOC @ 600'

SN 5438'

3937-3950'

3997-4005'

4154-4162'

4582-4595'

4921-4932'

4990-4992'

5005-5012'

5379-5381'

Anchor @ 5403'

5411-5417'

5509-5512'

EOT @ 5572'

PBTD @ 5568'

SHOE @ 5667'

TD @ 5675'



Federal 14-13-9-16

819' FSL & 1940' FWL

SE/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32649; Lease #UTU-64805

Spud Date: 10-18-05
Put on Production: 12-05-05
GL: 5553' KB: 5565'

Federal 15-13-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (308.61')
DEPTH LANDED: 320.46' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts (5777.86')
DEPTH LANDED: 5791.11' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5384.3')
TUBING ANCHOR: 5394.3' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5428.5' KB
NO. OF JOINTS: 2 jts (62.7')
TOTAL STRING LENGTH: EOT @ 5493' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2" x 3/4" pony rods, 99- 3/4" guided rods,
85- 3/4" sucker rods, 25 - 3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 12" x 16" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-30-05 5364-5410' **Frac CP2, & CP1 sands as follows:**
44747# 20/40 sand in 479 bbls Lightning 17
frac fluid. Treated @ avg press of 2020 psi
w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc
flush: 5362 gal. Actual flush: 5376 gal

12-01-05 4653-4659' **Frac C sands as follows:**
19588# 20/40 sand in 267 bbls Lightning 17
frac fluid. Treated @ avg press of 2290 psi
w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc
flush: 4651 gal. Actual flush: 4702 gal

12-01-05 4486-4490' **Frac D1 sands as follows:**
19605# 20/40 sand in 262 bbls Lightning 17
frac fluid. Treated @ avg press of 1827 psi
w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc
flush: 4946 gal. Actual flush: 4494 gal

12-01-05 4142-4156' **Frac PB8 sands as follows:**
58778# 20/40 sand in 546 bbls Lightning 17
frac fluid. Treated @ avg press of 2383 w/
avg rate of 14.2 BPM. ISIP 3200 psi. Calc
flush: 3140 gal. Actual flush: 4200 gal

12-01-05 3924-3938' **Frac GB4 sands as follows:**
30034# 20/40 sand in 312 bbls Lightning 17
frac fluid. Treated @ avg press of 1314 w/
avg rate of 14.2 BPM. ISIP 1500 psi. Calc
flush: 3922 gal. Actual flush: 3864 gal

06-16-06 **Pump change:** Update rod and tubing details.
12-15-06 **Pump Change:** Updated rod and tubing
detail

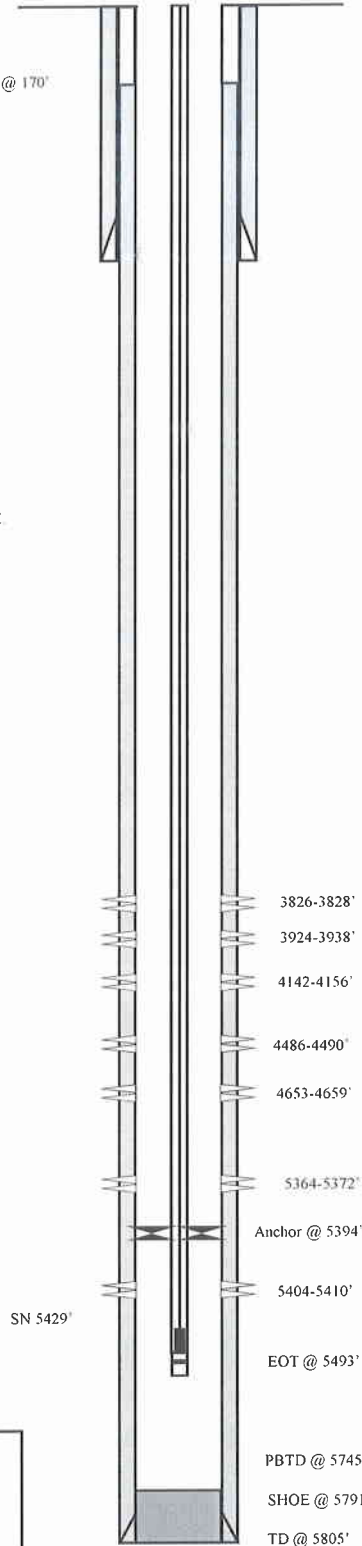
11/18/08 **Pump Change:** Updated rod & tubing details.
2/21/2010 **Tubing Leak.** Updated rod and tubing detail

12/13/10 3826-3836' **Frac GB2 sands as follows:** 28786# 20/40
sand in 173 bbls Lightning 17 fluid

12/14/10 **Re-Completion finalized** - updated tbg and
rod detail

PERFORATION RECORD

11-18-05	5404-5410'	4 JSPF	24 holes
11-18-05	5364-5372'	4 JSPF	32 holes
11-30-05	4653-4659'	4 JSPF	24 holes
12-01-05	4486-4490'	4 JSPF	16 holes
12-01-05	4142-4156'	4 JSPF	56 holes
12-01-05	3924-3938'	4 JSPF	56 holes
12-13-10	3826-3828'	3 JSPF	30 holes



Federal 15-13-9-16

695' FSL & 1972' FEL
SW/SE Section 13-T9S-R16E
Duchesne Co, Utah
API #43-013-32648; Lease #UTU-64805

FEDERAL 1-23-9-16

Spud Date: 12/06/07
Put on Production: 02/11/08
GL: 5651' KB: 5663'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.17')
DEPTH LANDED: 321'
HOLE SIZE: 12 1/4"
CEMENT DATA: To Surface w/160sx of class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5815'
DEPTH LANDED: 5784'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx of Primlite II and 400 sx of 50/50 poz.
CEMENT TOP: 91'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 170 jts (5430.4')
TUBING ANCHOR: 5442' KB
NO OF JOINTS: 1 jt (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5476.7' KB
NO OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5541' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2", 1-4' x 3/4" pony rod, 2-8' x 3/4" pony rods, 99- 3/4" guided rods, 89- 3/4" sucker rods, 20- 3/4" guided rods, 6- 1 1/2" sinker bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED: 5 SPM

FRAC JOB

2/19/08 5365-5373
Frac CP1 sds w/ 22,746#s of 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3471 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2152 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1913 psi. Calc flush: ? Actual Flush: 4830 gals

2/19/08 4898-4916
Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals

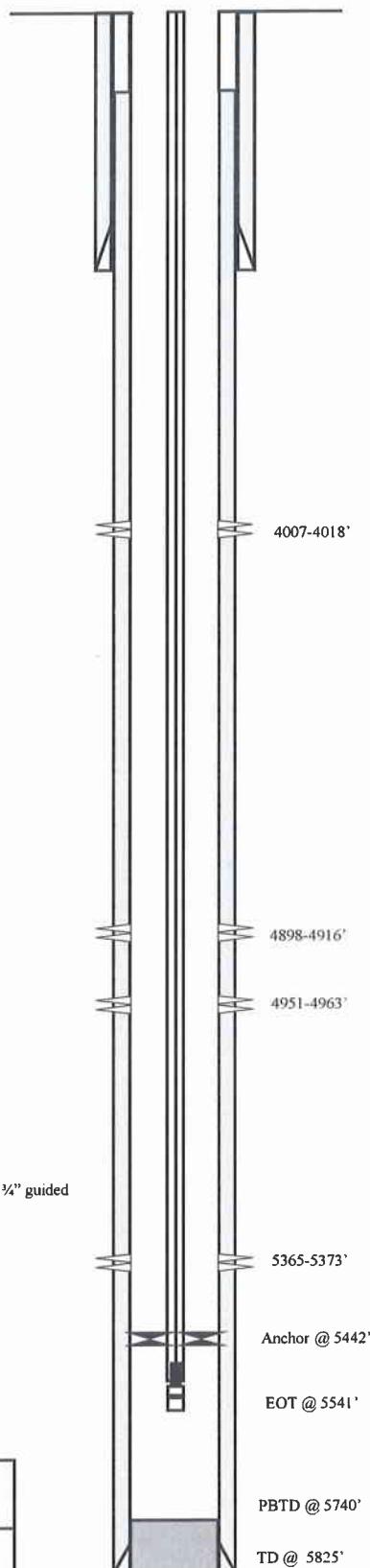
2/19/08 4951-4963
Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals

2/19/08 4007-4018
Frac GB6 sds w/ 43,024#s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3772 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1653 psi @ ave rate of 23.2 BPM. ISIP 1697 psi. Calc flush: ? Actual Flush: 3948 gals

10/8/08 Pump change Updated rod & tubing details
2/1/2010 Pump change Updated rod and tubing detail
12/22/2010 Tubing Leak Update rod and tubing details
01/18/2011 Pump Change Rods & tubing details updated

PERFORATION RECORD

02/12/08	5365-5373	4 JSPF	32 holes
02/19/08	4951-4963	4 JSPF	48 holes
02/19/08	4898-4916	4 JSPF	72 holes
02/19/08	4007-4018	4 JSPF	44 holes



NEWFIELD

FEDERAL 1-23-9-16

632' FNL & 472' FEL

NE/NE Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33002; Lease # U-15855

Castle Peak Federal #12-24-9-16

Wellbore Diagram

Well History:

9-21-81	Spud Well
10-24-81	Perf: 5,736'-5,835'
10-30-82	Frac BGR zone as follows: Totals 3,000 gal, 2,000# sd Avg TP 2,300 ISIP 1,580, after 5 min 1,450
11-3-81	Perf: 5,324'-5,340', 5,314'-5,319'
	Frac CP-1 zone as follows: Totals 26,500 gal, 40,000# 20/40 sd
9-29-82	Perf: 4,607'-4,609', 4,612'-4,618'
9-30-82	Frac C-SD zone as follows: Totals 35,500 gal, 85,000# 20/40 sd
10-5-82	Perf: 3,923'-3,931', 3,941'-3,948'
10-6-82	Frac GB-6 zone as follows: Totals 35,500 gal, 85,000# 20/40 sd

Recompletion

05/11/09	5314-5340'	Frac CP 1 sands as follows: 80105# 20/40 sand in 740 bbls Lightning 17 frac fluid = ISIP 2198
05/11/09	4880-4929'	Frac A sands as follows: 50237# 20/40 sand in 488 bbls Lightning 17 frac fluid 6 bbls of 15% HCL Acid on A sands, ISIP = 1946
05/11/09	4736-4740'	Frac B 1 sands as follows: 16144# 20/40 sand in 208 bbls Lightning 17 frac fluid ISIP = 2014
11/30/11		Tubing Leak Rods & tubing updated

TUBING

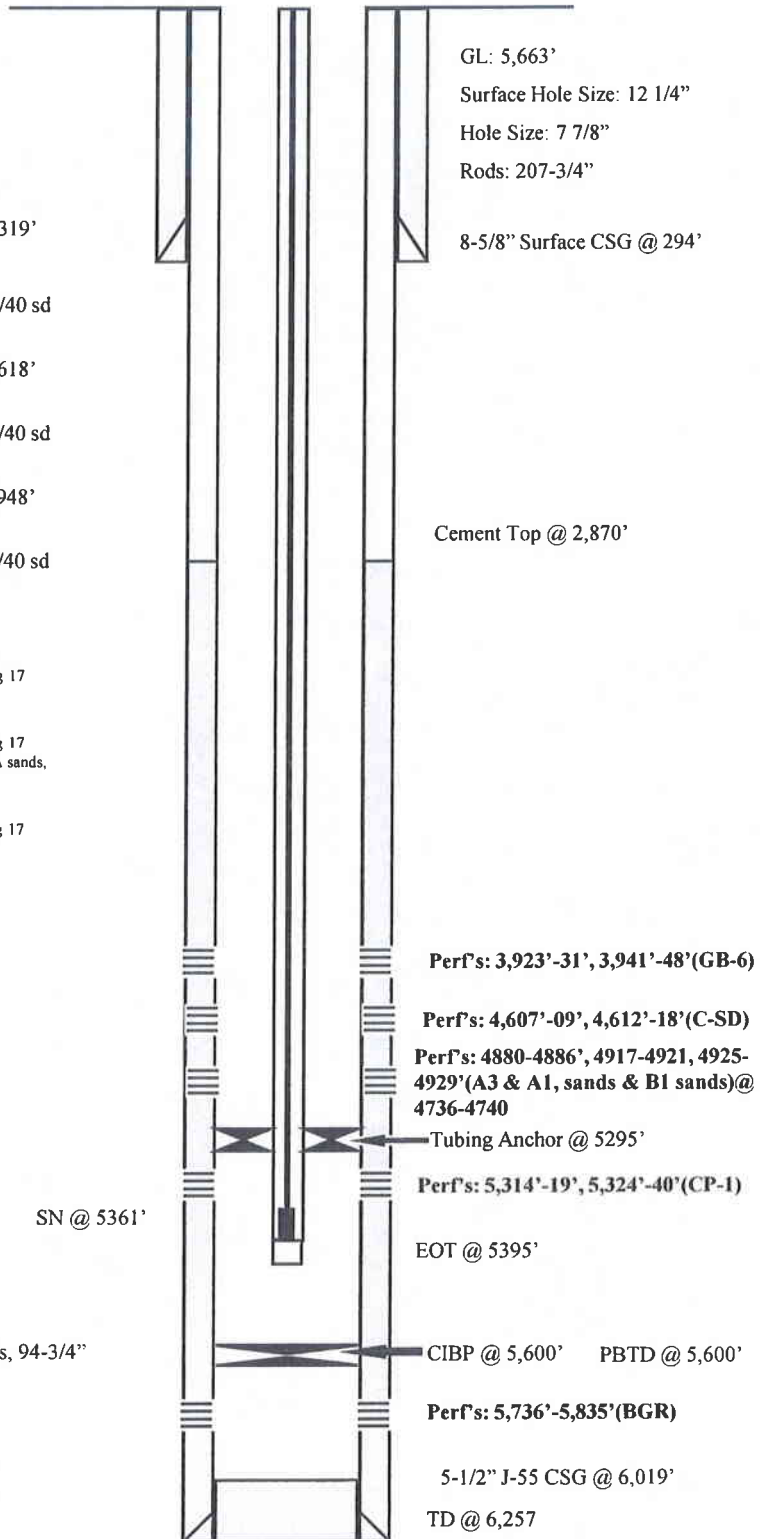
SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 173 jts (5283')
 TUBING ANCHOR 5295' KB
 NO OF JOINTS 2 jts (63.44')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 5361' KB
 NO OF JOINTS 1 jts (31.7')
 TOTAL STRING LENGTH EOT @ 5395' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2', 4' x 3/4" pony rods, 104-3/4" guided rods, 94-3/4"
 sucker rods, 19-3/4" guided rods 6-1 1/2" sinker rods
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12x 16' RHAC
 STROKE LENGTH: 54"
 PUMP SPEED, 4 SPM:

NEWFIELD

Castle Peak Federal #12-24-9-16
 794 FWL 2057 FNL
 SWNW Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30588; Lease #U-15855



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **BELUGA INJECTION**
 Sample Point: **After production filter**
 Sample Date: **12/9/2011**
 Sample ID: **WA-204146**

Sales Rep: **Darren Betts**
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	12/9/2011	Sodium (Na):	13791.93	Chloride (Cl):	20000.00
System Temperature 1 (°F):	300.00	Potassium (K):	35.40	Sulfate (SO4):	480.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	13.30	Bicarbonate (HCO3):	1854.40
System Temperature 2 (°F):	70.00	Calcium (Ca):	38.50	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.02	Barium (Ba):	6.73	Propionic Acid (C2H5COO)	0.00
pH:	8.60	Iron (Fe):	15.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	36236.98	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.81	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.41	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

P=15.5 mg/l

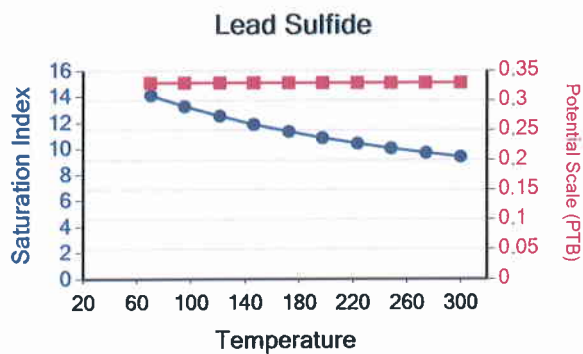
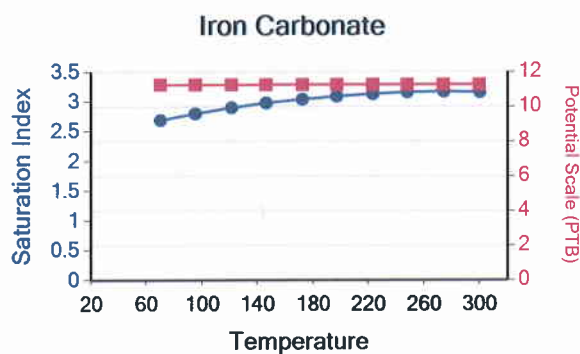
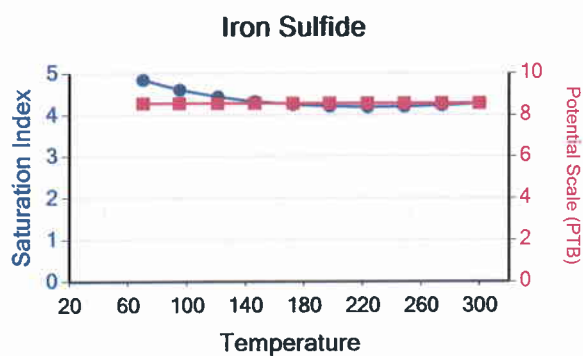
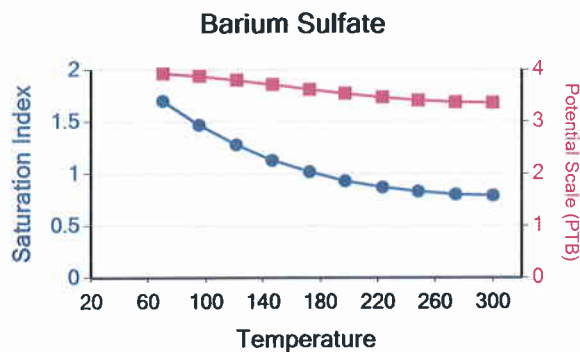
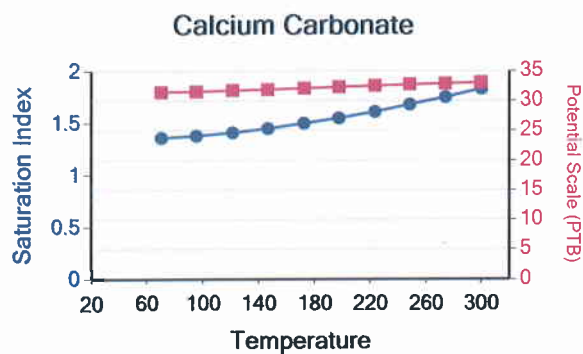
(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.36	31.45	1.70	3.93	4.85	8.55	2.69	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.38	31.56	1.47	3.87	4.61	8.55	2.80	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.41	31.71	1.28	3.80	4.44	8.55	2.90	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.45	31.89	1.13	3.71	4.32	8.55	2.98	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.50	32.08	1.02	3.62	4.25	8.55	3.04	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.55	32.28	0.93	3.54	4.21	8.55	3.09	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.61	32.48	0.87	3.46	4.19	8.55	3.13	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.68	32.68	0.83	3.41	4.20	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.75	32.85	0.80	3.37	4.23	8.55	3.17	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.83	33.00	0.79	3.35	4.27	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO4·0.5H2O		Anhydrite CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.14	0.33	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.28	0.33	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.54	0.33	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.33	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.33	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.33	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.33	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.33	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.33	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **FEDERAL 3-24-9-16**Lab Tech: **Gary Peterson**Sample Point: **Treater**Sample Date: **3/20/2012**Sample ID: **WA-210165**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	3/29/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	5147.39	Chloride (Cl):	6700.00
System Pressure 1 (psig):	3000.00	Potassium (K):	73.00	Sulfate (SO ₄):	19.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	13.00	Bicarbonate (HCO ₃):	2391.20
System Pressure 2 (psig):	14.70	Calcium (Ca):	34.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	9.20	Barium (Ba):	0.70	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	14379.13	Iron (Fe):	0.60	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.01	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.20	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Water (mg/L):	55.00	Manganese (Mn):	0.03	Silica (SiO ₂):	0.00

Notes:

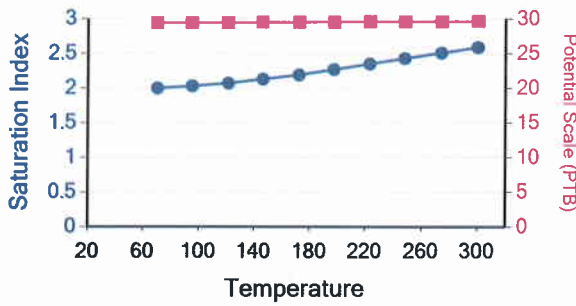
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	2.00	29.42	0.00	0.00	4.46	0.33	1.98	0.43	0.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00
95	346	2.03	29.44	0.00	0.00	4.24	0.33	2.11	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.48	0.00
121	678	2.07	29.47	0.00	0.00	4.09	0.33	2.22	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.00
146	1009	2.13	29.51	0.00	0.00	3.99	0.33	2.33	0.43	0.00	0.00	0.00	0.00	0.00	0.00	9.66	0.00
172	1341	2.19	29.54	0.00	0.00	3.94	0.33	2.42	0.43	0.00	0.00	0.00	0.00	0.00	0.00	9.35	0.00
197	1673	2.27	29.58	0.00	0.00	3.93	0.33	2.50	0.43	0.00	0.00	0.00	0.00	0.00	0.00	9.07	0.00
223	2004	2.35	29.61	0.00	0.00	3.94	0.33	2.57	0.43	0.00	0.00	0.00	0.00	0.00	0.00	8.84	0.00
248	2336	2.43	29.63	0.00	0.00	3.97	0.33	2.62	0.43	0.00	0.00	0.00	0.00	0.00	0.00	8.63	0.00
274	2668	2.51	29.66	0.00	0.00	4.00	0.33	2.66	0.43	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.00
300	3000	2.59	29.67	0.00	0.00	4.04	0.33	2.66	0.43	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.00

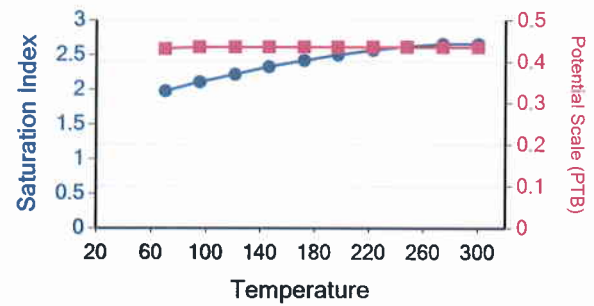
Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.71	0.08	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.86	0.08	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	13.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	12.52	0.08	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	11.99	0.08	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.01	11.52	0.08	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.01	11.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.01	10.76	0.08	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.01	10.43	0.08	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.01	10.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide

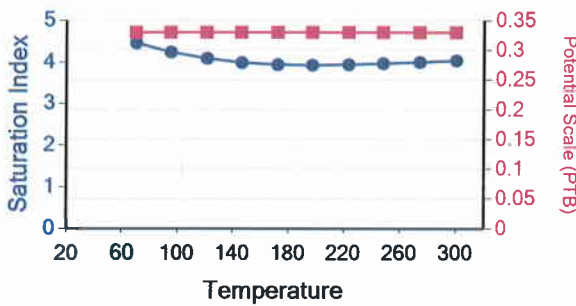
Calcium Carbonate



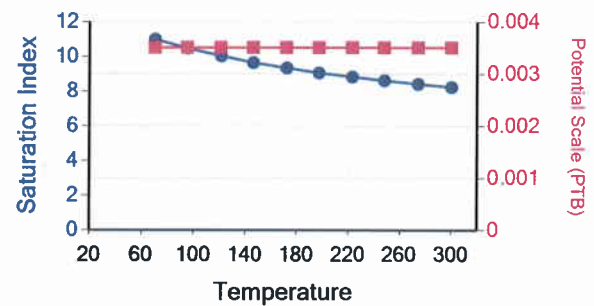
Iron Carbonate



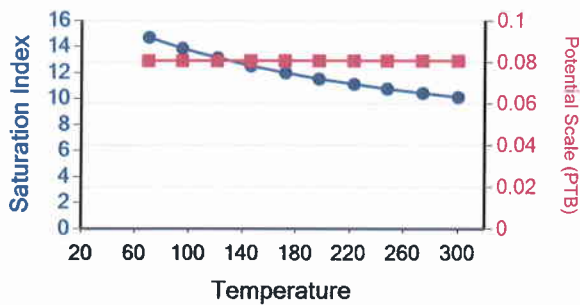
Iron Sulfide



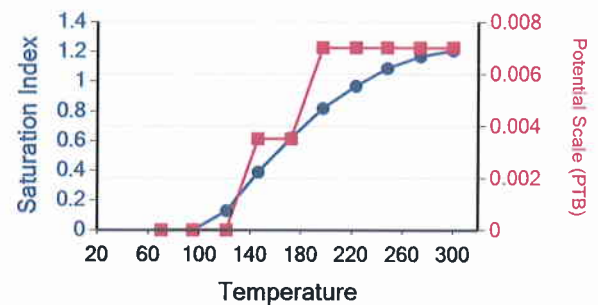
Zinc Sulfide



Lead Sulfide



Zinc Carbonate



Attachment "G"

**Federal #3-24-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5027	5035	5031	2956	1.02	2923
5920	4938	5429	2240	0.81	2202
4634	4646	4640	1897	0.84	1867 ←
4544	5441	4993	1934	0.86	1904
3995	4006	4001	1934	0.92	1908
				Minimum	<u>1867</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



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DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 8-Nov-07

Day: 1

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5755'

Csg PBTD: 5620' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-Nov-07

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5620' & cement top @ 105'. Perforate stage #1. LODC sds @ 5027- 35' w/ 3 1/8" slick guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 136 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 136

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Weatherford BOP \$540

NPC NU crew \$300

NDSI trucking \$800

Perforators LLC \$5,372

Drilling cost \$276,612

Zubiate hot oil \$420

Location preparation \$300

NPC wellhead \$1,500

Benco - anchors \$1,200

Admin. Overhead \$3,000

NPC Supervisor \$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$290,344

TOTAL WELL COST: \$290,344



DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 11/17/2007

Day: 2a

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5755'

Csg PBTD: 5620' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/16/2007

SITP: SICP: 20

Stage #1, LODC sds.

RU BJ Services. 20 psi on well. Frac LODC sds w/ 15,380#'s of 20/40 sand in 274 bbls of Lightning 17 fluid. Broke @ 2689 psi. Treated w/ ave pressure of 3260 psi w/ ave rate of 22.5 BPM. Pumped 504 gals of 15% hcl acid for stage #2. ISIP 2956 psi. Leave pressure on well. 410 BWTR. See day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136

Starting oil rec to date:

Fluid lost/recovered today: 274

Oil lost/recovered today:

Ending fluid to be recovered: 410

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sds down csg

1365 gals to Techni-Hib & crosslink

1500 gals of pad

1149 gals w/ 1-4 ppg of 20/40 sand

2450 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4519 gals of slick water

COSTS

BJ Services \$17,910

CD Trucking \$336

NPC fuel gas \$53

NPC supervision \$60

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 3396 Max Rate: 24.0 bpm Total fluid pmpd: 274 bbls

Avg TP: 3260 Avg Rate: 22.5 bpm Total Prop pmpd: 15,380#

ISIP: 2956 5 min: 10 min: F.G. 1.0

Completion Supervisor: Don Dulen

DAILY COST: \$18,359

TOTAL WELL COST: \$308,703



DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 11/17/2007

Day: 2b

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5755'

Csg PBTD: 5620' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

CBP @ 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/16/2007

SITP: SICP: 1833

Day 2b, Stage #2 A1 sds

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' per gun. Set plug @ 4990'. Perforate A1 sds @ 4920-38' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120, 21.92" pen, EXP. 3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 2388 psi on well. Perfs would not break. Dump bai acid on perfs. RU BJ Services. 1833 psi on well. Frac A1 sds w/ 90,793#'s of 20/40 sand in 690 bbls of Lightning 17 fluid. Broke @ 3279 psi. Treated w/ ave pressure of 2002 psi @ ave rate of 24.75 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2240 psi. Leave pressure on well. 1100 BWTR See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 410

Starting oil rec to date:

Fluid lost/recovered today: 690

Oil lost/recovered today:

Ending fluid to be recovered: 1100

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sds down csg

1487 gals to Techni-Hib & crosslink

6800 gals of pad

4625 gals w/ 1-5 ppg of 20/40 sand

9250 gals w/ 5-8 ppg of 20/40 sand

1908 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4414 gals of slick water

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 2303 Max Rate: 24.9 bpm Total fluid pmpd: 690 bbls

Avg TP: 2002 Avg Rate: 24.75 bpm Total Prop pmpd: 90,793#

ISIP: 2240 5 min: 10 min: F.G. .89

Completion Supervisor: Don Dulen

COSTS

BJ Services \$18,768

CD Trucking \$2,064

NPC fuel gas \$322

Weatherford tools \$2,600

Lone Wolf WL \$5,959

NPC Supervisor \$60

DAILY COST: \$29,773

TOTAL WELL COST: \$338,476



DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 11/17/2007

Day: 2c

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5755'

Csg PBTD: 5620' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

CBP @ 4750', 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4634-4646'	4/48			
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/16/2007

SITP: SICP: 1730

Day 2c, Stage #3 C sds

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' per gun. Set plug @ 4750'. Perforate C sds @ 4634-46' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP. 3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1730 psi on well. Frac C sds w/ 49,940#s of 20/40 sand in 449 bbls of Lightning 17 fluid. Broke @ 4171 psi. Treated w/ ave pressure of 1978 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1897 psi. Leave pressure on well. 1549 BWTR See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1100

Starting oil rec to date:

Fluid lost/recovered today: 449

Oil lost/recovered today:

Ending fluid to be recovered: 1549

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: C sds down csg

1483 gals to Techni-Hib & crosslink

3800 gals of pad

2625 gals w/ 1-5 ppg of 20/40 sand

5250 gals w/ 5-8 ppg of 20/40 sand

1059 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4129 gals of slick water

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 2318 Max Rate: 24.9 bpm Total fluid pmpd: 449 bbls

Avg TP: 1978 Avg Rate: 24.8 bpm Total Prop pmpd: 49,940#

ISIP: 1897 5 min: 10 min: F.G. .86

Completion Supervisor: Don Dulen

COSTS

BJ Services \$11,117

CD Trucking \$1,152

NPC fuel gas \$180

Weatherford tools \$2,600

Lone Wolf WL \$3,973

NPC Supervisor \$60

DAILY COST: \$19,082

TOTAL WELL COST: \$357,558



5 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16 Report Date: 11/17/2007 Day: 2d
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5755' Csg PBTD: 5620' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____
 CBP @ 4600', 4750', 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4544-4551'	4/28			
C sds	4634-4646'	4/48			
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/16/2007 SITP: _____ SICP: 1454

Day 2d, Stage #4, D2 sds

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' per gun. Set plug @ 4600'. Perforate D2 sds @ 4544-51' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1454 psi on well. Frac D2 sds w/ 14,138#'s of 20/40 sand in 261 bbls of Lightning 17 fluid. Broke @ 3383 psi. Treated w/ ave pressure of 2280 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1934 psi. Leave pressure on well. 1810 BWTR See Day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1549 Starting oil rec to date: _____
 Fluid lost/recovered today: 261 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1810 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D2 sds down csg

1579 gals to Techni-Hib & crosslink

1500 gals of pad

1149 gals w/ 1-4 ppg of 20/40 sand

2265 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 3952 gals of slick water

****Flush called @ blender to include 2 bbl pump/line volume****

Max TP: 2660 Max Rate: 24.9 bpm Total fluid pmpd: 261 bbls

Avg TP: 2280 Avg Rate: 24.9 bpm Total Prop pmpd: 14,138#

ISIP: 1934 5 min: _____ 10 min: _____ F.G. .86

Completion Supervisor: Don Dulen

COSTS

BJ Services	
CD Trucking	\$336
NPC fuel gas	\$53
Weatherford tools	\$2,600
Lone Wolf WL	\$2,318
NPC Supervisor	\$60

DAILY COST: \$5,367

TOTAL WELL COST: \$362,925



DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 11/17/2007

Day: 2e

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5755'

Csg PBTD: 5620' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4100'

CBP @ 4600', 4750', 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	3995-4006'	4/44			
D2 sds	4544-4551'	4/28			
C sds	4634-4646'	4/48			
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/16/2007

SITP: SICP: 1510

Day 2e, Stage #5, GB6 sds

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 11' per gun. Set plug @ 4100'. Perforate GB6 sds @ 3995-4006' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120, 21.92" pen EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 1510 psi on well. Frac GB6 sds w/ 38,509#s of 20/40 sand in 377 bbls of Lightning 17 fluid. Broke @ 3995 psi. Treated w/ ave pressure of 1729 psi @ ave rate of 24.8 BPM. ISIP 1934 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 7.5 hrs. & died Recovered 420 bbls. MIRU Western #4. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1810

Starting oil rec to date:

Fluid lost/recovered today: 43

Oil lost/recovered today:

Ending fluid to be recovered: 1767

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 sds down csg

1378 gals to Techni-Hib & crosslink

3200 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

4720 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4032 gals of slick water

COSTS

BJ Services	\$26,510
CD Trucking	\$912
NPC fuel gas	\$142
Weatherford tools	\$2,600
Lone Wolf WL	\$3,642
NPC Supervisor	\$60
NPC flowback hand	\$270
Unichem chemicals	\$400
Monk's pit reclaim	\$1,800
NPC surface equip.	\$130,000
Boren Construction	\$19,500
Mtn. West Sanitation	\$300
Western #4	\$1,639
DAILY COST:	\$187,775
TOTAL WELL COST:	\$550,700

Max TP: 1996 Max Rate: 24.9 bpm Total fluid pmpd: 377 bbls

Avg TP: 1729 Avg Rate: 24.8 bpm Total Prop pmpd: 38,509#

ISIP: 1685 5 min: 10 min: F.G. .86

Completion Supervisor: Don Dulen

WELL NAME: Federal 3-24-9-16 **Report Date:** 11/20/2007 **Day:** 3

Operation: Completion **Rig:** **Rigless**

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5755' Csg PBTD: 5620' WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4759' BP/Sand PBTD: 4990'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	3995-4006'	4/44			
D2 sds	4544-4551'	4/28			
C sds	4634-4646'	4/48			
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/19/2007 **SITP:** **SICP:** 40

ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub 8 inspected 2 7/8" tbq. from trailer (tallying & drifting). Tag sand @ 4021'. RU powerswivel & pump. C/O to CBP @ 4100'. DU CBP in 22 min. Cont. RIH w/ tbq. Tag @ 4562'. C/O to CBP @ 4600'. DU CBP in 19 min. Cont. RIH w. tbq. Tag @ 4713'. C/O to CBP @ 4750'. DU CBP in 18 min. Circulate well clean. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	<u>1767</u>	Starting oil rec to date:	<u> </u>
Fluid lost/recovered today:	<u>40</u>	Oil lost/recovered today:	<u> </u>
Ending fluid to be recovered:	<u>1807</u>	Cum oil recovered:	<u> </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

COSTS

[illegible]

Completion Supervisor: Don Dulen

DAILY COST:	\$32,777
TOTAL WELL COST:	\$583,477



Completion Supervisor: Don Dulen



DAILY COMPLETION REPORT

WELL NAME: Federal 3-24-9-16

Report Date: 11/22/2007

Day: 5

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5755' Csg PBTD: 5660
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5115' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	3995-4006'	4/44			
D2 sds	4544-4551'	4/28			
C sds	4634-4646'	4/48			
A1 sds	4920-4938'	4/72			
LODC sds	5027-5035'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/21/2007

SITP: 0 SICP: 0

Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg, 5 1/2" TAC, 161 jts 2 7/8" tbg. ND BOP. Set TAC @ 5016' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water RIH w/ CDI 2 1/2" x 1 1/2" x 16' x 19.5' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 69- 3/4" slick rods 105- 3/4" guided rods, 2- 3/4" slick rods, 1- 4' x 3/4" pony sub, 1 1/2" x 26' polished rod. RU pumping unit. Hang of rods. Fill tbg. w/ 2 bbls water. Stroke test to 800 psi. Adjust tag. RD. Put well on production @ 5:00 p.m. 5 spm. 84' stroke length. Final Report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1902 Starting oil rec to date: _____
 Fluid lost/recovered today: 62 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1964 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB	12.00'	1 1/2" X 26' polished rod	Western #4	\$4,590
		1- 4' x 3/4" pony sub	Weatherford BOP	\$250
161	2 7/8 J-55 tbg (5003.97')	2- 3/4" slick rods	Rod string (A & B grade)	\$10,040
	TA (2.80' @ 5015.977' KB)	105- 3/4" scraped rods	Polished rod pkg.	\$1,800
1	2 7/8 J-55 tbg (31.30')	69- 3/4" plain rods	CDI TAC	\$525
	SN (1.10' @ 5050.07' KB)	20- 3/4" scraped rods	CDI PSN	\$80
2	2 7/8 J-55 tbg (63.59')	6- 1 1/2" weight rods	CDI rod pump	\$1,450
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 16' x 19.5'	NPC frac tk(6x6dys)	\$1,440
EOT	5115.21' W/ 12' KB	RHAC pump W/ SM plunger	NPC frac head	\$500
		ALL GUIDED RODS ARE NEW	NPC swab tk (4 dys)	\$160
		ALL SLICK RODS ARE INSPEC.	NPC Supervisor	\$300

Completion Supervisor: Don Dulen

DAILY COST: \$21,135
 TOTAL WELL COST: \$611,163

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3905'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 172' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 370'

The approximate cost to plug and abandon this well is \$42,000.

Federal 3-24-9-16

Spud Date: 10-13-07
 Put on Production: 11-21-07
 GL: 5605' KB: 5617'

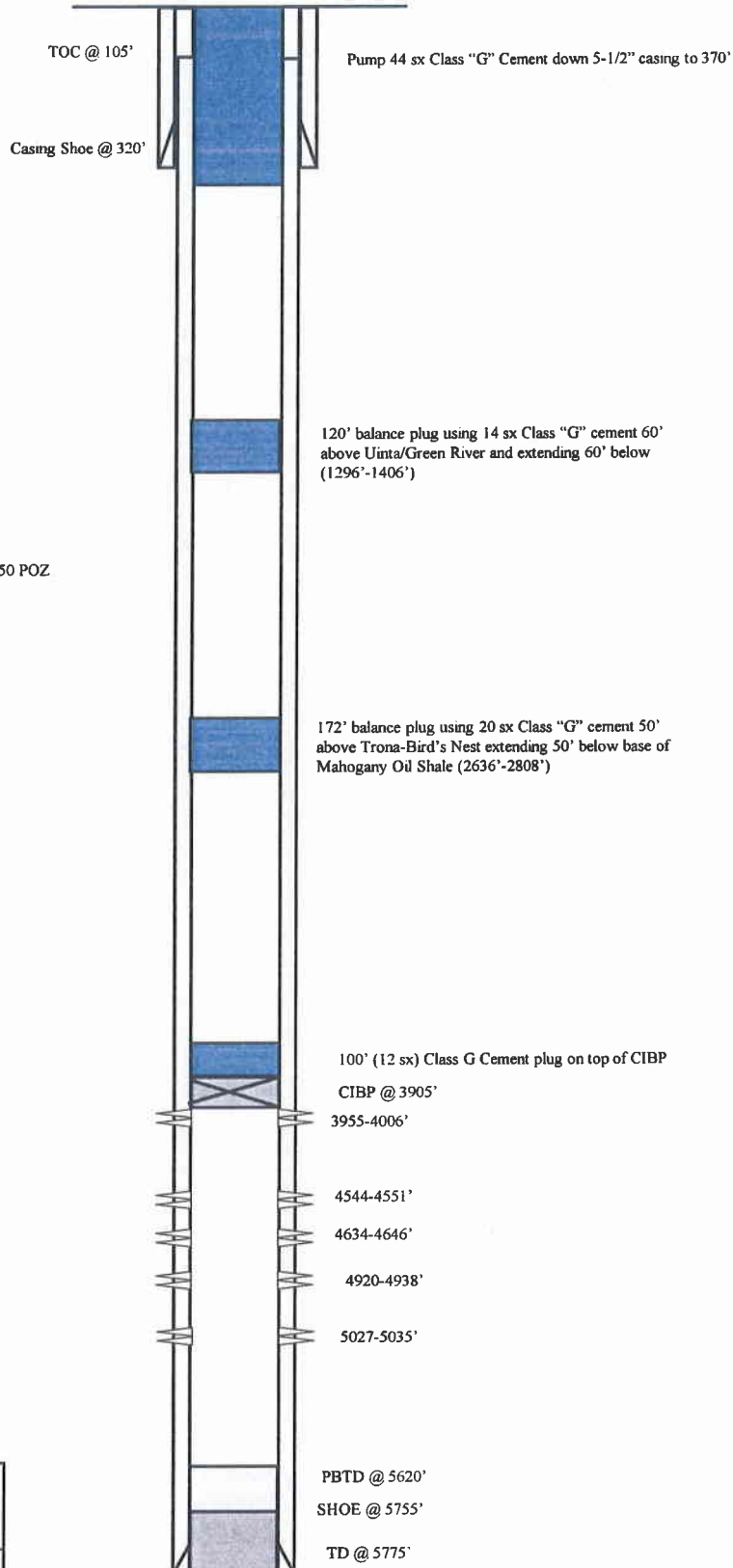
Initial Production: 56.4 BOPD,
 25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311')
 DEPTH LANDED: 320'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (5741')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5754 72'
 CEMENT DATA: 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 105'

Proposed P & A
Wellbore Diagram**NEWFIELD****Federal 3-24-9-16**

722' FNL & 2063' FWL

NENW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33084; Lease #UTU-15855

1770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/25/2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER#
8015385340	0000794885
SCHEDULE	
Start 05/25/2012	End 05/25/2012
CUST. REF. NO.	
Newfield Prod UIC-392	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
87 Lines	3.00
TIMES	
3	
MISC. CHARGES	

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER, Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing on informal adjudicative proceedings to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15796
Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32658
Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East
API 43-013-33136
Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33030
Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33062
Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33174
Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33066
Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33067
Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33104
Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33068
Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33145
Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-31726
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32612
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33027
Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33176
Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33178
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33182
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33084
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33344
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or intervenors should be prepared to demonstrate at the hearing how the matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
794885

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I, C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES
CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 05/25/2012 End 05/25/2012

SIGNATURE

5/25/2012

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number	Invoice Date
30968	5/30/2012
Advertiser No.	Invoice Amount
2080	\$191.45
	Due Date
	6/29/2012

DIVISION OF OIL GAS & MINING
 Rose Norton
 1594 W. N. TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED
 MAY 05 2012
 DIV OF OIL GAS & MINING

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 30968		5/30/2012	
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount	
5/30/2012	15615	UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012			\$191.45	
				Sub Total:		\$191.45	
				Total Transactions: 1		Total: \$191.45	

SUMMARY Advertiser No. 2080 Invoice No. 30968

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 29 day of May, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 29 day of May, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

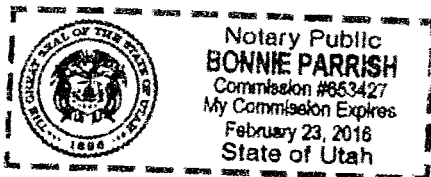
Kevin Ashby
Publisher

Subscribed and sworn to before me on this

1 day of June, 2012

by Kevin Ashby.

Bonnie Parrish
Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17,

and 29, 2012.
Published May 22, 2012.
In advance of the hearing, Planning at least 3 days call Duchesne County this meeting should need special accommodations for persons needing special accommodations. Persons needing special accommodations should call Duchesne County Planning, P.O. Box 317, Duchesne, Utah 84021 or email mhyde@duchesne.com. For further information contact Mike Hyde at (435) 738-1151. Or, send comments to: Duchesne County Planning, P.O. Box 317, Duchesne, Utah 84021 or email mhyde@duchesne.com. Persons needing special accommodations should call Duchesne County Planning at least 3 days in advance of the hearing. Published May 22, 2012.

LEGAL N Your Right

Christensen, located on the south side of Highway 87 (Ioka Lane) and the west side of 4000 West, in the NE ¼ of the NE ¼ of Section 2, Township 3 South, Range 2 West.

The Duchesne County Commissioners will conduct a public hearing to review the Planning Commission recommendation and proposed rezoning ordinance during their June 18, 2012 meeting, beginning at 1:30 PM in the Commission Chambers, Duchesne County Administration Building, 734 North Center Street, Duchesne, Utah.

For further information contact Mike

**SERET P
TRIC COOP**

ATORY TECHNICAL CHEMIST

is an electrical utility states. We have a Laboratory Technician with a 500 MW coal-fired, Utah.

candidate will be reliable, and take independent on high pressure O₂ scrubbers, demineralized water, and a candidate must also condensate polishers, bulk chemical handling computer literate and software.

High School graduate experience as a technician in an industrial

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-32658
Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East
API 43-013-33136
Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33030
Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33062
Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33174
Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33066
Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33067
Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33104
Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33068
Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33145
Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-31726
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32612
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33027
Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33178
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33182
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33084
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33344
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y

Cause No. UIC-392

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 S 500 E
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 5/23/2012 3:07 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

It will be in the May 29 edition.
Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 5/22/2012 2:32 PM
Subject: Proof for Notice of Agency Action
Attachments: OrderConf.pdf

AD# 794885
Run SL Trib 5/25/12
Cost \$331.25
Please advise of any changes
Thank You
Ken

Order Confirmation for Ad #0000794885-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	[REDACTED]	Payor Account	[REDACTED]
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
E-Mail	earlenerussell@utah.gov	Jean	kstowe

Total Amount	\$331.25			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$331.25	0	0	1
Payment Method		<u>PO Number</u>	Newfield Prod UIC-392	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 87 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	05/25/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	05/25/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	05/25/2012	

Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

**BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-392**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East

API 43-013-15796

Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32658

Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East

API 43-013-33136

Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/Brad Hill

Permitting Manager

794885

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 15, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 3-24-9-16, Section 24, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33084

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,781 feet in the Federal 3-24-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

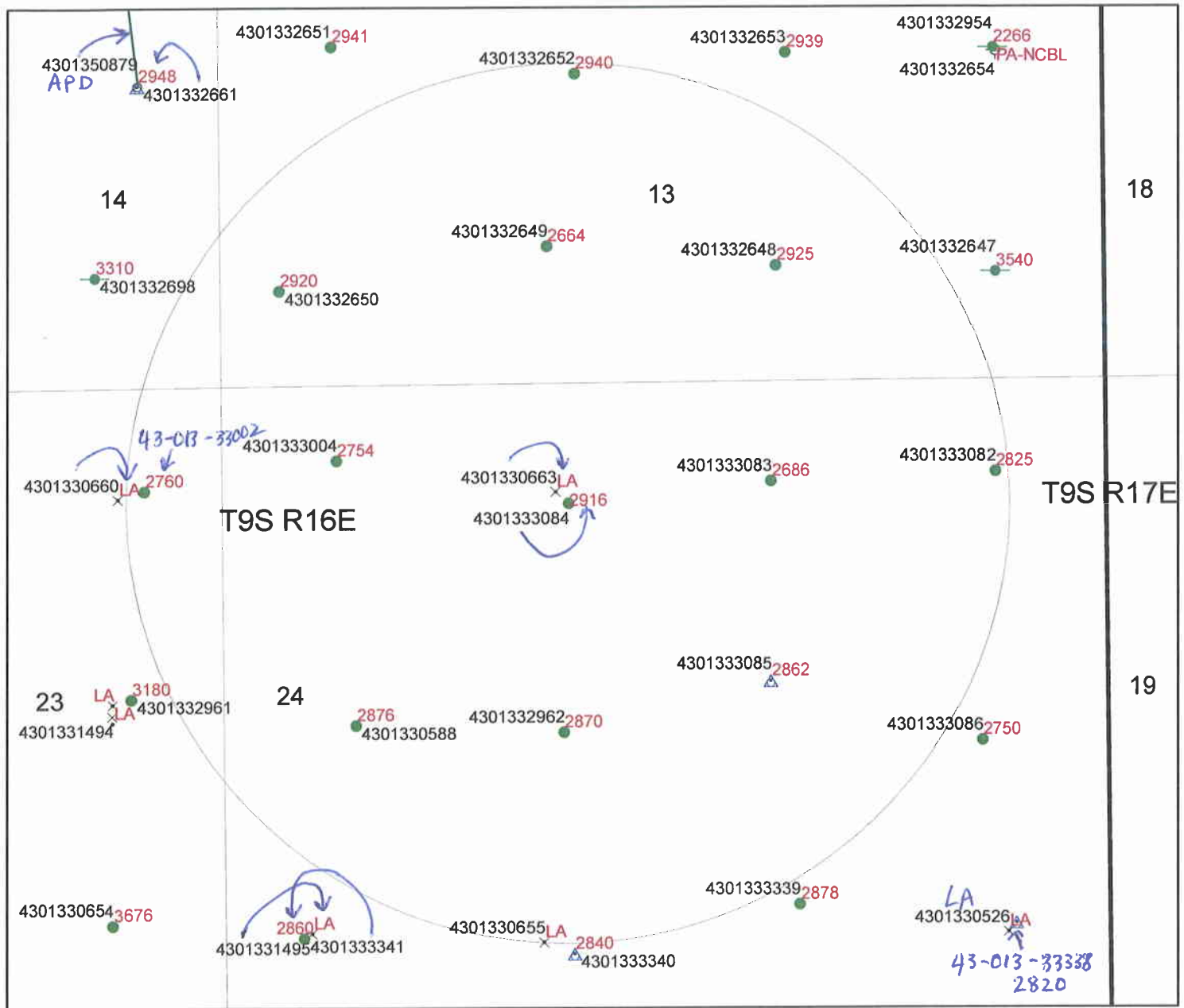
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
FEDERAL 3-24-9-16
API #43-013-33084
UIC 392.18

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_115
- SGID93_ENERGY_DNROilGasWells
- SGID93_ENERGY_DNROilGasWells**
- GIS_STAT_TYPE**
- APD
- ⊙ DRL
- ⊙ GIW
- ⊙_{OS} GSW
- × LA
- LOC
- OPS
- ⊙ PA
- ⊙ PGW
- POW
- ▲ RET
- ⊙ SGW
- SOW
- ⊙ TA
- TW
- ⊙ WDW
- ▲ WIW
- WSW
- SGID93 BOUNDARIES Counties
- SGID93_ENERGY_DNROilGasWells_HDBottom
- SGID93_ENERGY_DNROilGasWells_HDPath
- Wells-CbltopsMaster07_06_12

0 0.05 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 3-24-9-16

Location: 24/9S/16E **API:** 43-013-33084

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 320 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,755 feet. The cement bond log demonstrates adequate bond in this well up to about 2,916 feet. A 2 7/8 inch tubing with a packer will be set at 3,905 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 11 producing wells and 1 new (8/2/2012) injection well in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1800 feet. Injection shall be limited to the interval between 3,781 feet and 5,620 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 3-24-9-16 well is 0.84 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,867 psig. The requested maximum pressure is 1,867 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 3-24-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 8/9/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 3-24-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0722 FNL 2063 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 10/09/2012. On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: October 29, 2012 By:		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/19/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 10/12/12 Time 3:30 am pm
Test Conducted by: Cody Marx
Others Present: _____

Well: Federal 3-24-9-16

Field: Monument Butte

Well Location: NE/NW Sec. 24, T9S, R16E

API No: 43-013-33084

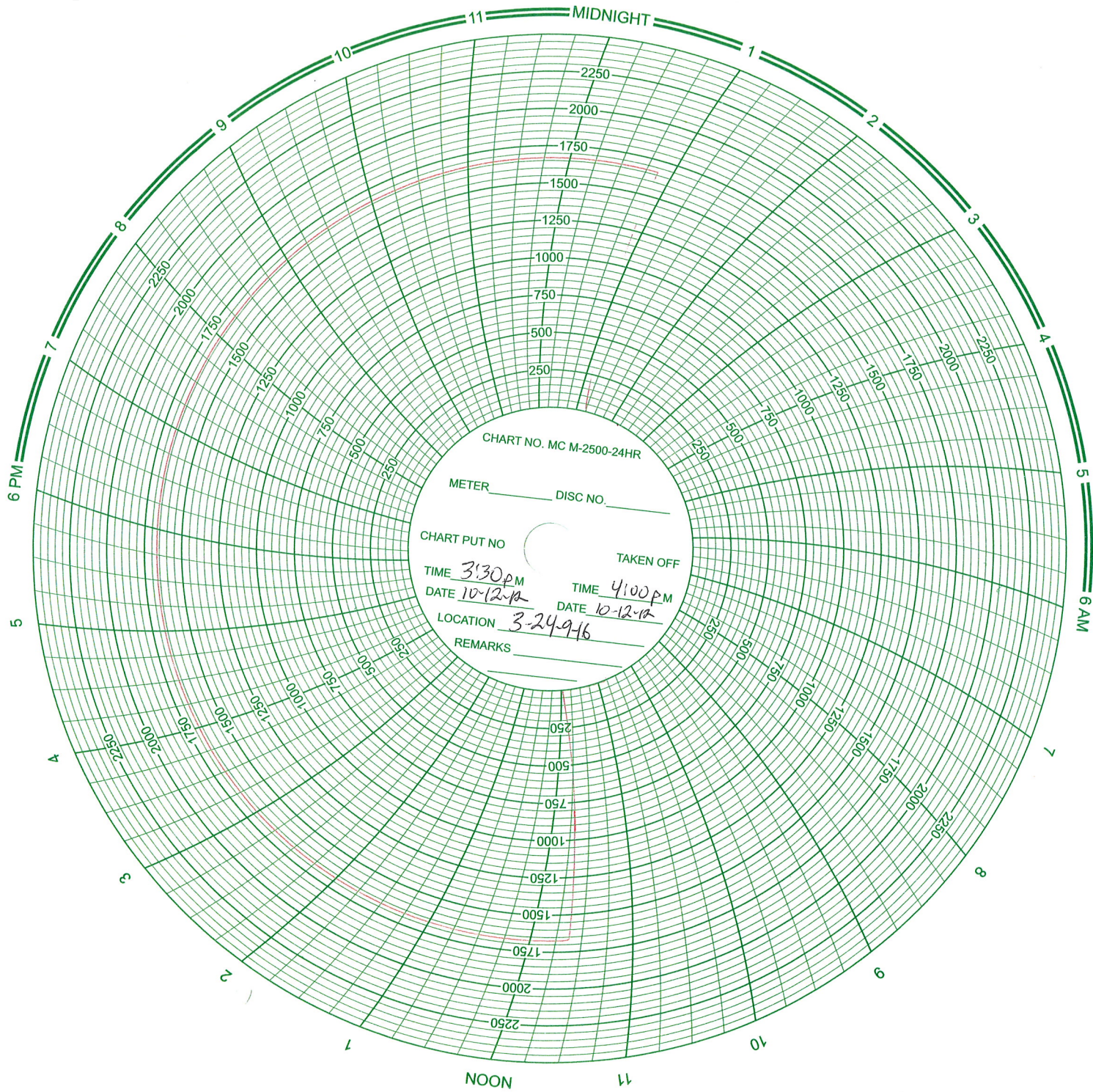
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1670</u>	psig
5	<u>1670</u>	psig
10	<u>1670</u>	psig
15	<u>1670</u>	psig
20	<u>1670</u>	psig
25	<u>1670</u>	psig
30 min	<u>1670</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure:  psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Cody Marx



Daily Activity Report**Format For Sundry****FEDERAL 3-24-9-16****8/1/2012 To 12/30/2012****10/3/2012 Day: 1****Conversion**

WWS #3 on 10/3/2012 - MIRUSU. Test tbg. LD rods. Release TA. TOO H w/ tbg breaking & doping. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$11,414****10/4/2012 Day: 2****Conversion**

WWS #3 on 10/4/2012 - LD extra tbg on trailer. Perferate zones. RIH w/ tools. Test tools. Broke down sds. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - RU Perforators WLT & lubricator. RIH & perferate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/

tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$22,005

10/5/2012 Day: 3

Conversion

WWS #3 on 10/5/2012 - Break down D1 sds. Leave pkr hang w/ frac valve on tbg. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Release pkr & TOOH w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$27,390

10/8/2012 Day: 4**Conversion**

WWS #3 on 10/8/2012 - Set pkr. RU Baker Hughes. Frac well. Flow well back. TOOHD work string. RIH w Arrow Set. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand.

Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$106,994

10/9/2012 Day: 5**Conversion**

WWS #3 on 10/9/2012 - Test tbg. Set pkr. Test casing. RDMOSU. Well ready for MIT. - RDMOSU. Well ready for MIT. - RU Sand line & fish std valve. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RDMOSU. Well ready for MIT. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. - RDMOSU. Well ready for MIT. - Pump 60 bbls packer fluid & test casing to 1500 w/ 4 bbls packer fluid for 30 minutes. - RD BOP's. Set AS 1 w/ CEO @ 3944', EOT @ 3957' w/ 15,000#'s tension. - RU Sand line & fish std valve. - Held safety meeting & discussed JSA's & location hazards. Check pressure on tbg, 3750 psi. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$127,056

10/15/2012 Day: 6**Conversion**

Rigless on 10/15/2012 - Conduct initial MIT - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting

during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$204,890

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 3-24-9-16
PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43013330840000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0722 FNL 2063 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/30/2012	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; padding: 20px;"> The above reference well was put on injection at 8:40 AM on 11/30/2012. </div> <div style="text-align: right; padding: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2012 </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/30/2012	

Spud Date: 10-13-07
Put on Production: 11-21-07
GL: 5605' KB: 5617'

Federal 3-24-9-16

Initial Production: 56.4 BOPD,
25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311')
DEPTH LANDED: 320'
HOLE SIZE 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

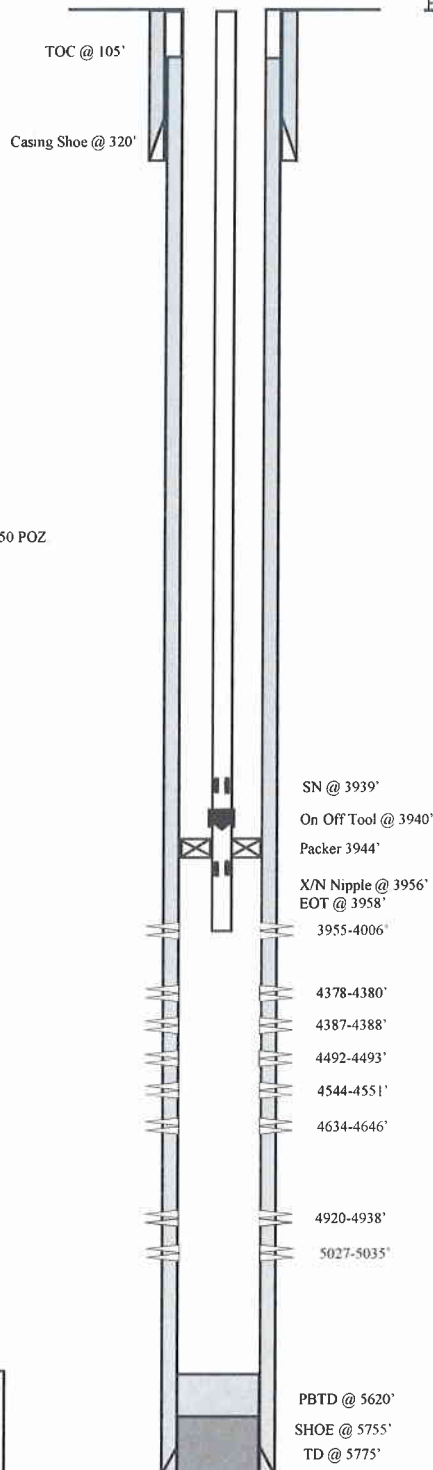
PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE: J-55
WEIGHT 15.5#
LENGTH: 148 jts (5741.47') Includes Shoe Jt (39.25')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5754.72'
CEMENT DATA: 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 125 jts (3927.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3939.1' KB
ON/OFF TOOL AT: 3940.2'
ARROW #1 PACKER CE AT: 3944.09'
XO 2-3/8 x 2-7/8 J-55 AT: 3948.9'
TBG PUP 2-3/8 J-55 AT: 3949.9'
X/N NIPPLE AT: 3956.1'
TOTAL STRING LENGTH: EOT @ 3958'

Injection Wellbore Diagram



FRAC JOB

11-7-07 5027-5035' Frac LODC sands as follows:
15,380# 20/40 sand in 274 bbls Lightning
17 fluid. Treat at 3260 psi @ 22.5 BPM
ISIP 2956 psi. Calc flush: 5025 gal
Actual flush: 4519 gal

11-16-07 4920-4938' Frac A1 sands as follows:
90,793# 20/40 sand in 690 bbls Lightning
17 fluid. Treat at 2002 psi @ 24.75
BPM ISIP 2240 psi. Calc flush: 4918
gal. Actual flush: 4414 gal

11-16-07 4634-4646' Frac C sands as follows:
Frac with 49,940 # 20/40 sand in 449
bbls Lightning 17 fluid. Treat at 1978 psi
@ 24.8 BPM ISIP 1897 psi. Calc
flush: 4632 gal. Actual flush: 4129 gal.

11-16-07 4544-5441' Frac D2 sand as follows:
Frac with 14,138# 20/40 sand in 261
bbls Lightning 17 fluid. Treat at 2280psi
@ 24.9 BPM ISIP 1934 psi. Calc
flush: 4542 gal. Actual flush: 3952 gal

11-16-07 3995-4006' Frac GB-6 sands as follows:
Frac with 38,509# 20/40 sand in 377
bbls Lightning 17 fluid. Treat at 1729 psi
@ 24.8 BPM ISIP 1934 psi. Calc
flush: 3993 gal. Actual flush: 4032 gal

7/6/09 Major Workover: Updated rod & tubing
detail

5/4/2010 Tubing leak. Updated rod and tubing
detail

6/9/2011 Tubing leak. Updated rod & tubing
detail

10/08/12 4378-4493' Frac D1 & DS1 sands as follows:
Frac with 29832# 20/40 sand in 362
bbls Lightning 17 fluid

10/09/12 Convert to Injection Well

10/12/12 Conversion MIT Finalized - update tbg
detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes
10/04/12 4492-4493'	3 JSPF	3 holes
10/04/12 4387-4388'	3 JSPF	3 holes
10/04/12 4378-4380'	3 JSPF	6 holes

NEWFIELD

Federal 3-24-9-16
722' FNL & 2063' FWL
NENW Section 24-T9S-R16E
Duchesne Co, Utah
API #43-013-33084; Lease #UTU-15855



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-392

Operator: Newfield Production Company
Well: Federal 3-24-9-16
Location: Section 24, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33084
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 15, 2012.
2. Maximum Allowable Injection Pressure: 1,867 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,781' – 5,620')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: Christa L. Danaher
for John Rogers
Associate Director

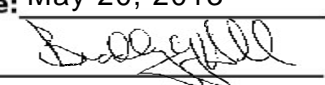
11/15/2012
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: <input type="text" value="New Perforations"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: D1 4492-4493' 3 JSPF 3 holes DS1 4387-4388' 3 JSPF 3 holes DS1 4378-4380' 3 JSPF 6 holes		
Accepted by the Utah Division of Oil, Gas and Mining		
Date: May 20, 2013		
By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/6/2013	

Spud Date: 10-13-07

Put on Production: 11-21-07

GL: 5605' KB: 5617'

Federal 3-24-9-16

Initial Production: 56.4 BOPD,

25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts, (311')

DEPTH LANDED: 320'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts, (5741.47') Includes Shoe Jt. (39.25')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5754.72'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 125 jts (3927.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3939.1' KB

ON/OFF TOOL AT: 3940.2'

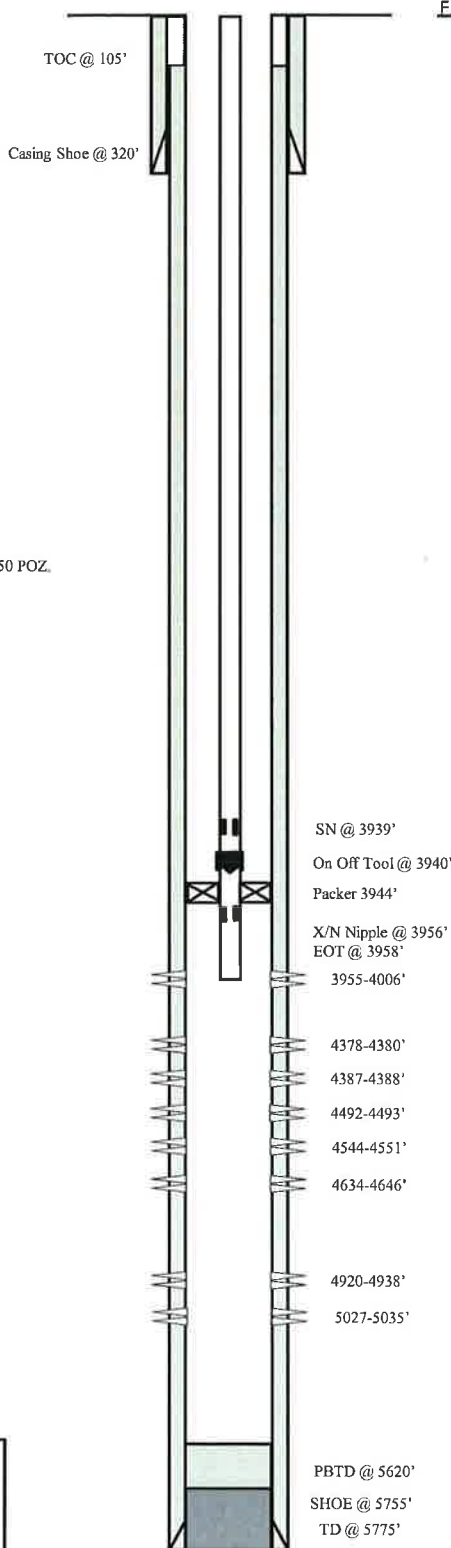
ARROW #1 PACKER CE AT: 3944.09'

XO 2-3/8 x 2-7/8 J-55 AT: 3948.9'

TBG PUP 2-3/8 J-55 AT: 3949.9'

X/N NIPPLE AT: 3956.1'

TOTAL STRING LENGTH: EOT @ 3958'

Injection Wellbore
DiagramFRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM. ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		Major Workover. Updated rod & tubing detail.
5/4/2010		Tubing leak. Updated rod and tubing detail.
6/9/2011		Tubing leak. Updated rod & tubing detail.
10/08/12	4378-4493'	Frac D1 & DS1 sands as follows: Frac with 29832# 20/40 sand in 362 bbls Lightning 17 fluid.
10/09/12		Convert to Injection Well
10/12/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes
10/04/12 4492-4493'	3 JSPF	3 holes
10/04/12 4387-4388'	3 JSPF	3 holes
10/04/12 4378-4380'	3 JSPF	6 holes



Federal 3-24-9-16
722' FNL & 2063' FWL
NENW Section 24-T9S-R16E
Duchesne Co, Utah
API #43-013-33084; Lease #UTU-15855

Daily Activity Report**Format For Sundry****FEDERAL 3-24-9-16****8/1/2012 To 12/30/2012****10/3/2012 Day: 1****Conversion**

WWS #3 on 10/3/2012 - MIRUSU. Test tbg. LD rods. Release TA. TOO H w/ tbg breaking & doping. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - Held safety meeting & discussed JSA's & location hazards. MIRUSU. - TOO H breaking, inspecting & doping collars. Flushed w/ 25 bbls on way out. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. - LD rods on trailer. 113- 3/4" guided, 25- 3/4" slick, 56- 3/4" guided, 6- 1-1/4" wt bars, 6- 1" stabilizer. Flushed w/ 20 bbls on way out. LD total of 207 rods. - Soft seat pump. Test tbg to 3000 psi w/ 9 bbls fluid. - Shut down unit. Unhang unit. Pump 20 bbls water @ 250° down casing. Unseat pump. Flush rods w/ 45 bbls water. - RD rod equip. RU tbg equipment. Set 5K Schefer BOP's. Release TA. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$11,414**10/4/2012 Day: 2****Conversion**

WWS #3 on 10/4/2012 - LD extra tbg on trailer. Perferate zones. RIH w/ tools. Test tools. Broke down sds. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - RU Perforators WLT & lubricator. RIH & perferate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/

tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - Held safety meeting & discussed JSA's. LD 37 jts tbg on trailer. - Set RBP @ 4400' & pkr @ 4361'. Test RBP to 4000 psi. Pump 22 bbls to load tbg. DS1 sds broke down @ 4800 psi back to 1000 psi w/ 1.5 bbls fluid. Pump into @ .5 bpm @ 2500 psi back to 2250 w/ 4 bbls. Release pkr & RBP. TIH w/ tools. Set RBP @ 4523' (143 jts) w/ pkr @ 4451'. Test RBP to 4000 psi. Took 3 bbls to load tbg. Hot Oiler broke down. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. - RU Perforators WLT & lubricator. RIH & perforate D1 sds 4492-93', DS1 sds @ 4387-88', 4378-80' w/ 3 spf for total of 12 shots. - Wait on orders to continue get ready for frac. - RU 5-1/2" "TS" RBP, on/off tool, 4' x 2-3/8" N-80 pup jt, "HD" pkr, 1 jt N-80 tbg, SN, jts tbg. Tally, drift & pickup off trailer. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$22,005

10/5/2012 Day: 3

Conversion

WWS #3 on 10/5/2012 - Break down D1 sds. Leave pkr hang w/ frac valve on tbg. - Release pkr & TOO H w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOO H w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOO H w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. - Held safety meeting & dicussed JSA's & location hazards. Set pkr @ 4451'. Fill tbg w/ 7 bbls. Perfs broke down @ 5477 psi back to 3900 psi @ 1/4 bpm. - Release pkr & TOO H w/ tbg to leave pkr hang @ 4361'. RU frac valve w/ 6' x 2-7/8" L-80 pup joint. SIFN. Ready for frac on Monday. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$27,390

10/8/2012 Day: 4**Conversion**

WWS #3 on 10/8/2012 - Set pkr. RU Baker Hughes. Frac well. Flow well back. TOOH LD work string. RIH w Arrow Set. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand. Release RBP @ 4523'. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd w/ 1000#'s of sand. - Test lines to 8400 psi. Open well w/ 0 psi on casing. Perfs broke n@ 4906 psi back to 2490 psi w/ 1.5 bbls @ 3 bpm. Pump 462 gal of 15% HCL acid @ 6013 psi @ 11.5 bpm. Lost 1400 psi when acid hit perfs. Frac @ ave pressure of 4954 psi @ 20 bpm. Frac w/ 29,832#'s of 20/40 sds in 362 bbls of Lightning 17 frac fluid. ISIP was 2202 psi w/ .93FG. Max pressure was 6911 @ 20 bpm. RD Baker Hughes (find stimulation report on last day of well). - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4367' w/ RBP @ 4523'. Fill casing w/15 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Pump 10 bbls. Drop Std vlve. Test tbg to 3000 psi. Leave pressure on overnight. SIFN. - RIH w/ XN nipple 2-3/8", 2-3/8" collar, 6' x 2-3/8" pup jt, X/O sub (2-3/8" to 2-7/8"), Arrow Set 1 pkr, On/Off tool, 2-7/8" SN, 125 jts tbg. - LD work string & tools on trailer. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 30' of sand.

10/9/2012 Day: 5

Conversion

10/15/2012 Day: 6

Conversion

<http://www.inewfld.com/denver/SumActRpt.asp?RC=157349&API=4301333084&MinDate...> 5/3/2013

during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1670 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$204,890

Pertinent Files: Go to File List